

mapco
INC.

PRODUCTION DIVISION - NORTHERN DISTRICT

April 20, 1978



State of Utah
Department of Natural Resources
Division of Oil & Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

Attention: Cleon Feight

Re: Application for Permit to Drill
River Bend #14-08-0001-16305

Gentlemen:

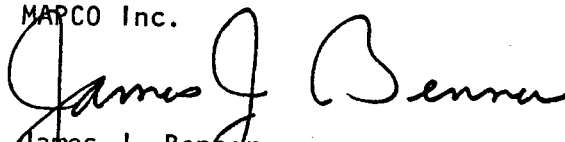
Enclosed for your information is a copy of the Application for Permit to Drill and attachments for each of the following wells:

✓ RBU No. 11-21E
RBU No. 5-12D
RBU No. 11-16F
RBU No. 11-23E
RBU No. 11-14E

RBU No. 5-11D
RBU No. 11-10E
RBU No. 15-17E
RBU No. 7-25B
RBU No. 11-19F

Very truly yours,

MAPCO Inc.


James J. Benner
Reservoir and Production Engineer

JJB/jv

Enclosures

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK DRILL ☒ DEEPEN ☐ PLUG BACK ☐

b. TYPE OF WELL
OIL WELL ☐ GAS WELL ☒ OTHER ☐ SINGLE ZONE ☐ MULTIPLE ZONE ☒

2. NAME OF OPERATOR

MAPCO Inc.

3. ADDRESS OF OPERATOR

Suite 320 Plaza West
1537 Avenue D., Billings, Montana 59102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface (1) 2160' FSL & 1977' FWL

At proposed prod. zone NE SW Section 21
SAME

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

18 Miles SW Ouray, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT. 1977'

(Also to nearest drlg. unit line, if any)
18. DISTANCE FROM PROPOSED LOCATION*
TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT. 5280'

16. NO. OF ACRES IN LEASE

2240.00

17. NO. OF ACRES ASSIGNED
TO THIS WELL 640

19. PROPOSED DEPTH

(5) 8230'

20. ROTARY OR CABLE TOOLS

(4) Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

(2) 5192' Ungraded GL

22. APPROX. DATE WORK WILL START*

(14) 7-15-78 30 Days

23. PROPOSED CASING AND CEMENTING PROGRAM

(8) and (9)

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" - New	24	500'	Cement to surface
7-7/8"	5-1/2" - New	17	8230'	As required

Data required to be included on Form 9-331C by NTL-6, dated 6-1-76, as Items No. (1), (2), (4), (5), (8), (9) and (14) are so noted above. The rest as follows:

(3) and (6): Uintah Surface Chapita Wells 5330'
Green River 1100' Uteland Bts. 6530'
Wasatch 4600' Mesaverde 7730'

(7): No water anticipated; possible thin, non-commercial oil bearing zones encountered in the Green River from approximately 1100'-4600'±, no commercially productive oil bearing sands encountered in this area previously; gas bearing formations will be the Wasatch, expected intermediate overall interval from 4600'-7700'±, and the Mesaverde from 7700'± to a total depth of 8230'.

(10): Figure #1 (attached)

-- Continued on back of page --

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout prevention program, if any.

24. SIGNED J. D. Holliman TITLE Manager of Operations DATE April 13, 1978
J. D. Holliman Northern District

(This space for Federal or State office use)

PERMIT NO. 43-047-30414

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

APPROVAL DATE

DATE: 4-25-78

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

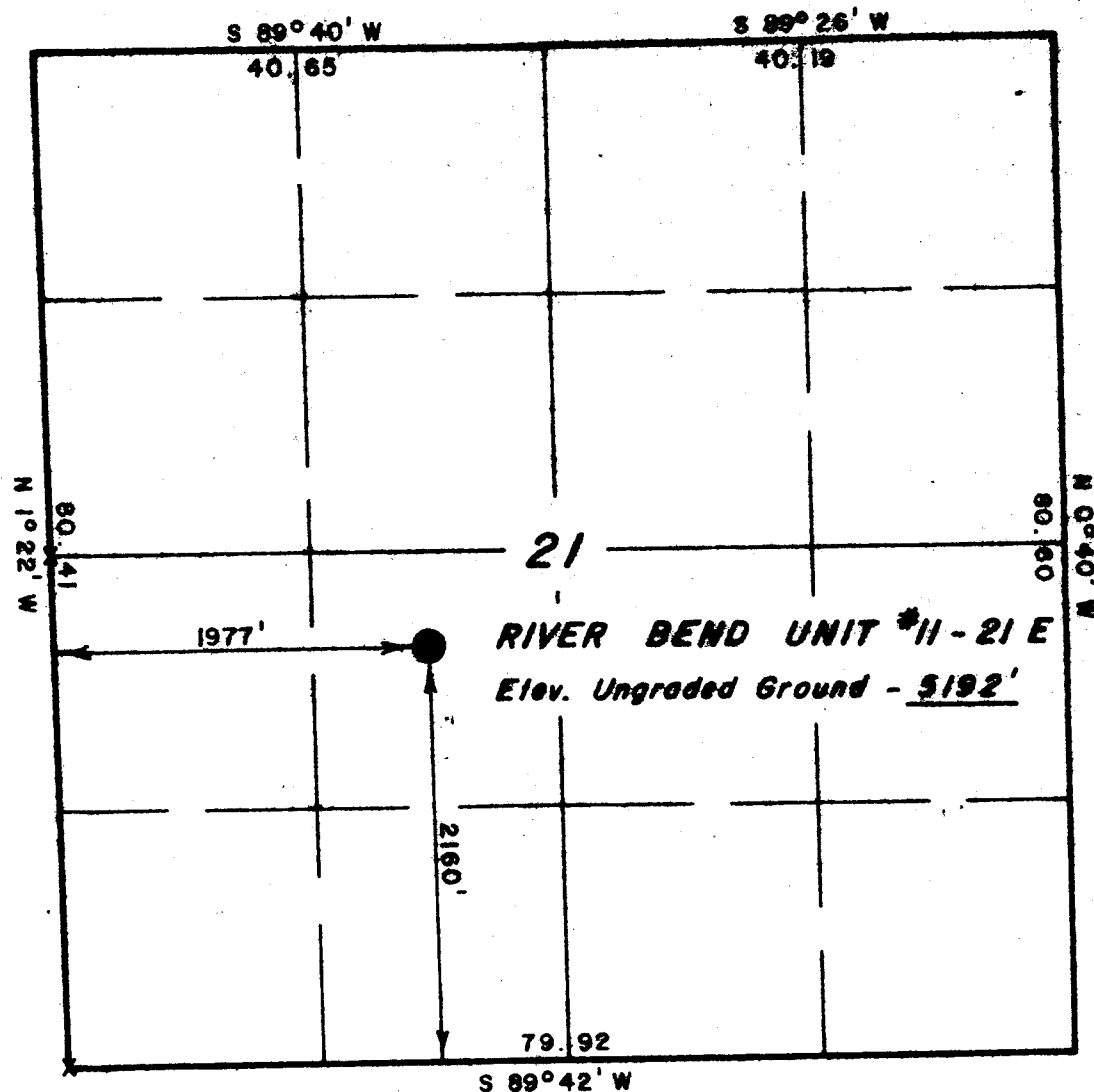
BY: C. B. Wright

PROJECT

MAPCO INC.

T 10 S, R 19 E, S.L.B. & M.

Well location, **RIVER BEND**
UNIT #11-21 E, located as
shown in the NE 1/4 SW 1/4 Section
21, T 10 S, R 19 E, S.L.B. & M.
Uintah County, Utah.



X = Section Corners Located



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM
FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY
SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE
BEST OF MY KNOWLEDGE AND BELIEF.

Lone Stewart

REGISTERED LAND SURVEYOR
REGISTRATION NO 3184
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE	1" = 1000'	DATE	4/5/78
PARTY	MS SS KH DJ	REFERENCES	GLO Plat
WEATHER	Fair	FILE	MAPCO INC.

MAPCO INC.

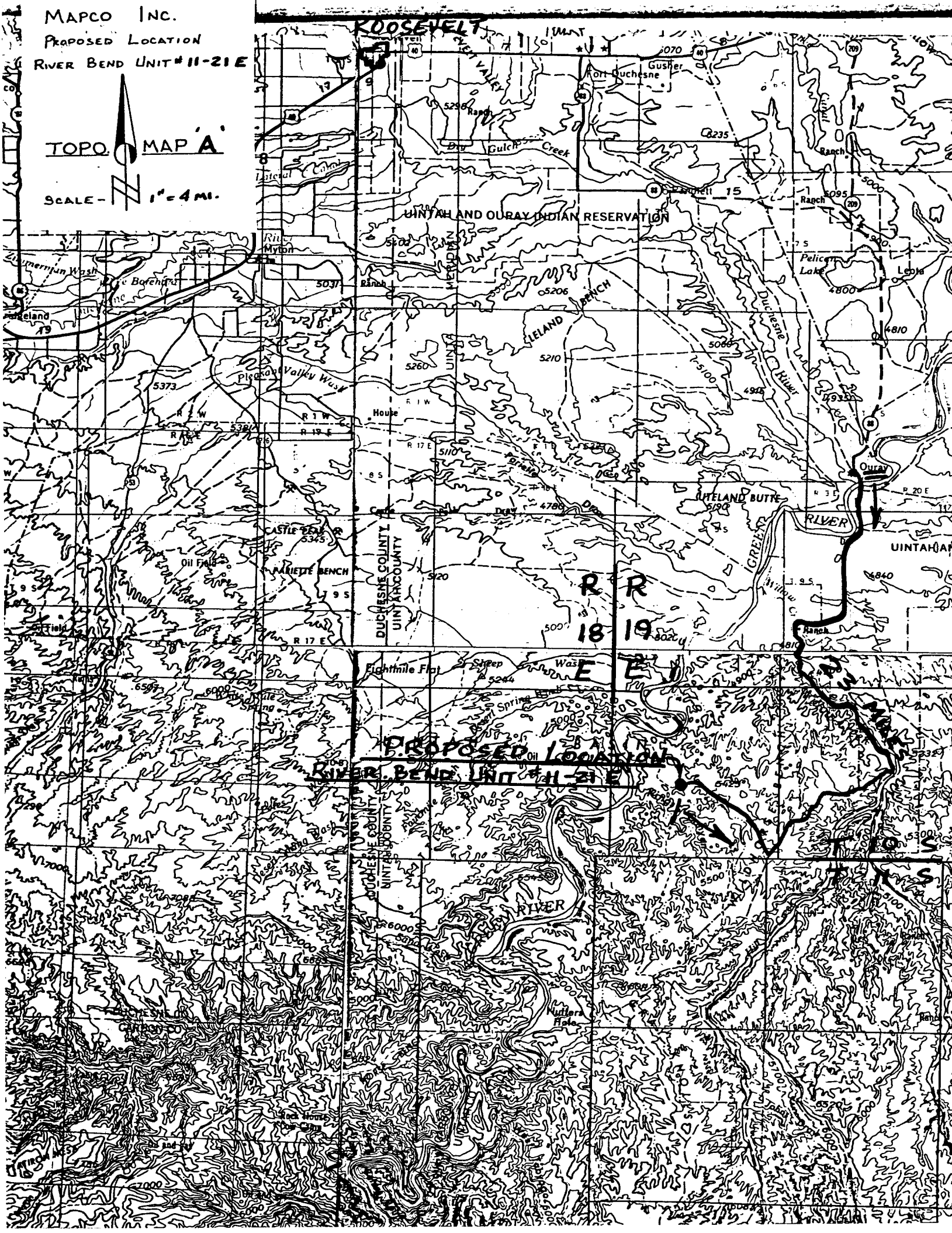
PROPOSED LOCATION

RIVER BEND UNIT #11-21 E

TOPO.

MAP A

SCALE - 1" = 4 MI.



MAPCO INCORPORATED

13 Point Surface Use Plan

for

Well Location

River Bend, Unit #11-21 E

Located In

Section 21, T10S, R19E, S.L.B. & M.

Uintah County, Utah

Mapco Incorporated
River Bend Unit #11-21 E
Section 21, T10S, R19E, S.L.B. & M.

1. EXISTING ROAD

To reach Mapco Incorporated, well location River Bend Unit #11-21 F, located in the NE 1/4 SW 1/4 Section 21, T10S, R19E, S.L.B. & M., Uintah County, Utah; proceed Westerly out of Vernal, Utah along U.S. Highway 40, 14 miles to the junction of this road and Utah State Highway 209; proceed South along Utah State Highway 209, 7 miles more or less to the junction of this Highway and Utah State Highway 88; proceed South along Utah State Highway 88-10 miles to Ouray, Utah; proceed on South along a county road known as the Seep Ridge Road 0.2 miles along the Seep Ridge to its junction with an existing dirt service road to the South known as the Turkey Trail Road; proceed Southerly along this road 1.7 miles to the point that it intersects an existing dirt service road to the South, known as Willow Creek Road; proceed in a Southerly direction along this road 1.3 miles to the point that it intersects an existing dirt service road to the West, known as the Hill Creek road; proceed Westerly across Black Bridge, along this road 0.5 miles to the point that it intersects an existing dirt service road to the North; proceed Northerly along this service road 2.8 miles to the point that it intersects an existing dirt service road to the Northwest; proceed Southwesterly along the same service road 3 miles to the point that it intersects an existing dirt service road to the Northwest; proceed Northwesterly along this service road 3.3 miles to the point that it intersects an existing dirt service road to the East; proceed along the same road to the Northwest 1.2 miles to the proposed location site.

The Highways mentioned in the foregoing paragraph are bituminous surfaced road to Ouray, Utah at which point the County road is surfaced with native asphalt for \pm 4 miles and then is a gravel surface to the aforementioned service roads.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing areas they are located in and range from clays to a sandy-clay shale materials.

There is no anticipated construction on any portion of the above described road. They will meet the necessary standards required to facilitate an orderly flow of traffic during the drilling phase; completion phase and the production phase of this well at such time that production is established.

The roads that are required for access during the drilling phase, completion phase, and production phase of this well, will be maintained at the standards required by the B.L.M. or other controlling agencies.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

There will be no planned access road as the existing road goes through the proposed location site.

3. LOCATION OF EXISTING WELLS

There are other wells within a one mile radius of this location (See Topographic Map "B"). For the exact location of this well in Section 21, T10S, R19E, S.L.B. & M. see the location plat.

4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES

At the present time there are no other Mapco Incorporated batteries, production facilities, oil gathering lines, gas gathering lines, injection and disposal lines within a one-mile radius.

LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES - continued

In the event that production of this well is established, then the existing area of the location will be utilized for the establishment of the necessary production facilities.

This area will be built, if possible, with native materials and if these materials are not available then the necessary arrangements will be made to get them from private sources.

The total area that is needed for the production of this well will be fenced and cattleguards will be utilized for access to these facilities.

If there is any deviation from the above, then all appropriate agencies will be notified prior to construction and all necessary requests and applications will be made.

5. LOCATION AND TYPE OF WATER SUPPLY

Water to be used for the drilling and production of this well will be hauled by truck from the Green River, at a point located in the SE 1/4 of Section 18, T10S, R19E, S.L.B. & M. approximately 2.5 road miles to the West from the proposed location.

In the event that the above sources is not used other arrangements will be made with the proper authorities for an alternate source.

All regulations and guidelines will be followed and no deviations will be made unless all concerned agencies are notified.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during construction of the location site and access road. No additional road gravels or pit lining materials from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

The native materials that will be used in the construction of this location site and access road will consist of sandy-clay soils and sandstone and shale materials gathered in actual construction of the road and location.

7. METHODS FOR HANDLING WASTE DISPOSAL

A reserve and burn pit shall be constructed, and at least half of the depth of the reserve pit shall be below the existing ground surface. All trash and flammable materials will be burned in the burn pit. Non-flammable materials such as cuttings, salts, chemicals, etc. will be buried in the reserve pit and covered with a minimum of four feet of earth material. Prior to the onset of drilling, the burn pit will be fenced on all four sides with a net wire, and the reserve pit will be fenced on three sides. Upon completion of drilling, the fourth side of the reserve pit will be fenced and allowed to dry completely before backfilling and reclamation are attempted. A portable chemical toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet.

The B.L.M. District Manager shall be notified before any construction begins on the proposed location site and road.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See Location Layout Sheet and Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash pit shall be buried with a minimum of 4' of cover. The reserve pit will be completely fenced and allowed to dry before covering. When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. District Manager when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

The Topography of the General Area - (See Topographic Map "A").

The area is a basin formed between the Book Cliff Mountains to the South and the Uinta Mountains to the North. The area is interlaced with numerous canyons and ridges which are extremely steep with numerous ledges formed in sandstones, conglomerates, and shale deposits. The Green River is located approximately 2 miles to the West of the location site.

The majority of the washes and streams in the area are non-perennial in nature with the only ones in the area having a year round flow being Willow Creek to the Northeast and the Green River to the West, of which the numerous washes, draws, and non-perennial streams flow to the West and are tributaries to the Green River.

The soils of this semi-arid area are of the Uinta Formation and Duchesne River formation (the Fluvial Sandstone and Mudstone) from the Eocene Epoch and Quaternary Epoch (gravel surfaces) and the visible geologic structures consist of light brownish-gray clays (OL) to sandy soils (SM-ML) with poorly graded gravels and shales with outcrops of rock (sandstone, mudstone, conglomerates and shales).

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in and in the lower elevations of the Uinta Basin. It consists of, as primary flora, areas of sagebrush, rabbitbrush, some grasses and cacti, and large areas of bare soils devoid of any growth. In the areas away from and in the vicinity of non-perennial streams, cottonwoods, willows, tamarack, sagebrush, rabbitbrush, grasses and cacti can be found.

Mapco Incorporated
River Bend Unit #11-21 E
Section 21, T10S, R19E, S.L.B. & M.

OTHER INFORMATION - continued

The fauna of the area is sparse and consists predominately of the mule deer, coyotes, pronghorn antelope, rabbits, and varieties of small ground squirrels and other types of rodents, and various reptiles common to the area.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The area is used by man for the primary purpose of grazing domestic livestock.

The Topography of the Immediate Area (See Topographic Map "B").

River Bend Unit #11-21 F location site sits on a relatively flat area, known as the Wild Horse Bench.

The geologic structure is of the Uinta formation and consists of light-brownish-gray sandy clay (SP-CL) with some sandstone outcrops.

The ground slopes from the West through the location to the East at approximately a 2% grade.

The location is covered with some sagebrush and grasses.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

12. LESSEE'S OPERATOR'S REPRESENTATIVE

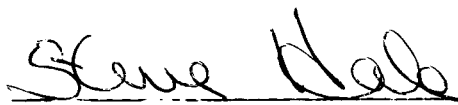
Steve Hale
Mapco Incorporated
P.O. Box 1360
Roosevelt, Utah 84066

TELE: 1-801-722-4521

13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge, true and correct; and that the work associated with the operations proposed herein will be performed by Mapco Incorporated and its contractors and sub-contractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

6-13-78
Date


Steve Hale
Drilling and Production Superintendant

MAPCO INCORPORATED

13 Point Surface Use Plan

for

Well Location

River Bend Unit #11-21 E

Located In

Section 21, T10S, R19E, S.L.B. & M.

Uintah County, Utah

Mapco Incorporated
River Bend Unit #11-21 E
Section 21, T10S, R19E, S.L.B. & M.

1. EXISTING ROAD

To reach Mapco Incorporated, well location River Bend Unit #11-21 E, located in the NE 1/4 SW 1/4 Section 21, T10S, R19E, S.L.B. & M., Uintah County, Utah; proceed Westerly out of Vernal, Utah along U.S Highway 40, 14 miles to the junction of this road and Utah State Highway 209; proceed South along Utah State Highway 209, .7 miles more or less to the junction of this Highway and Utah State Highway 88; proceed South along Utah State Hwy 88-10 miles to Ouray, Utah; proceed on South along a county road known as the Seep Ridge Road 9.2 miles along the Seep Ridge to its junction with an existing dirt service road to the South known as the Turkey Trail Road; proceed Southerly along this road 1.7 miles to the point that it intersects an existing dirt service road to the South, known as Willow Creek road; proceed in a Southerly direction along this road 1.3 miles to the point that it intersects an existing dirt service road to the West, known as the Hill Creek road; proceed Westerly, across Black Bridge, along this road 0.5 miles to the point that it intersects an existing dirt service road to the North; proceed Northerly along this service road 2.8 miles to the point that it intersects an existing dirt service road to the Northwest; proceed Southwesterly along the same service road 3 miles to the point that it intersects an existing dirt service road to the Northwest; proceed Northwesterly along this service road 3.3 miles to the point that it intersects an existing dirt service road to the East; proceed along the same road to the Northwest 1.2 miles to the point that the planned access road (to be discussed in Item #2) leaves the existing road in a Southeasterly direction.

The Highways mentioned in the foregoing paragraph are bituminous surfaced road to Ouray, Utah at which point the County road is surface with native asphalt for \pm 4 miles and then is a gravel surface to the aforementioned service roads.

The aforementioned dirt oil field service roads and other roads in the vicinity are constructed out of existing native materials that are prevalent to the existing areas they are located in and range from clays to a sandy-clay shale material.

There is no anticipated construction on any portion of the above described road. They will meet the necessary standards required to facilitate an orderly flow of traffic during the drilling phase; completion phase and the production phase of this well at such time that production is established.

The roads that are required for access during the drilling phase, completion phase, and production phase of this well, will be maintained at the standards required by the B.L.M. or other controlling agencies.

2. PLANNED ACCESS ROAD

See Topographic Map "B".

The proposed access road leaves the existing service road in the SW 1/4 Section 21, T10S, R19E, S.L.B. & M. and proceeds in a Southwesterly direction 200' to the proposed location site.

In order to facilitate the anticipated traffic flow necessary to drill and produce this well, the following standards will be met:

This proposed access road will be an 18' crown road (9' either side of the center-line) with drain ditches along either side of the proposed road where it is determined necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area.

PLANNED ACCESS ROAD - continued

Back slopes along the cut areas of the road will be 1 1/2 to 1 slopes and terraced.

The road will be centerline flagged prior to the commencement of construction.

The grade of this road will vary from flat to 8%, but will not exceed this amount. This road will be constructed from native borrow accumulated during construction.

If deemed necessary by the local governmental agencies or their representatives, turnouts will be installed for safety purposes every 0.25 miles or on the top of ridges or at intervals and locations that will provide the greatest sight distance. These turnouts will be 200' in length and 10' in width and will be tapered from the shoulder of the road for a distance of 50' in length at both the access and outlet ends.

Any fences that are encountered along this access road will be cut and replaced with a cattleguard with a minimum width of 18' and a loading factor large enough to facilitate the heavy trucks required in the drilling and production of this well.

If cattleguards are to be located at existing gates, they will be installed with the above requirements and with a new gate installed at one end of the cattleguard.

The access from the road to the gate will be of such a nature there will be no impedance of traffic flow along the main access road and no difficulties encountered by traffic utilizing the gate, either leaving or entering the proposed access road.

The vegetation along this route consists of sparse amounts of sagebrush, rabbit-brush, some grasses and cacti with large areas that are devoid of vegetation.

3. LOCATION OF EXISTING WELLS

There are other wells within a one mile radius of this location (See Topographic Map "B"). For the exact location of this well in Section 21, T10S, R19E, S.L.B. & M. see the location plat.

4. LOCATION OF TANK BATTERIES, PRODUCTION FACILITIES, AND PRODUCTION GATHERING AND SERVICE LINES

At the present time there are no other Mapco Incorporated batteries, production facilities, oil gathering lines, gas gathering lines, injection and disposal lines within a one-mile radius.

In the event that production of this well is established, then the existing area of the location will be utilized for the establishment of the necessary production facilities.

This area will be built, if possible, with native materials and if these materials are not available then the necessary arrangements will be made to get them from private sources.

The total area that is needed for the production of this well will be fenced and cattleguards will be utilized for access to these facilities.

If there is any deviation from the above, then all appropriate agencies will be notified prior to construction and all necessary requests and applications will be made.

5. LOCATION AND TYPE OF WATER SUPPLY

Water to be used for the drilling and production of this well will be hauled by truck from the Green River, at a point located in the SE 1/4 of Section 18, T10S, R19E, S.L.B. & M. approximately 2.5 road miles to the West from the proposed location.

In the event that the above sources is not used other arrangements will be made with the proper authorities for an alternate source.

All regulations and guidelines will be followed and no deviations will be made unless all concerned agencies are notified.

6. SOURCE OF CONSTRUCTION MATERIALS

All construction materials for this location site and access road shall be borrow materials accumulated during construction of the location site and access road. No additional road gravels or pit lining materials from other sources are anticipated at this time, but if they are required, the appropriate actions will be taken to acquire them from private sources.

The native materials that will be used in the construction of this location site and access road will consist of sandy-clay soils and sandstone and shale materials gathered in actual construction of the road and location.

7. METHODS FOR HANDLING WASTE DISPOSAL

A reserve and burn pit shall be constructed, and at least half of the depth of the reserve pit shall be below the existing ground surface. All trash and flammable materials will be burned in the burn pit. Non-flammable materials such as cuttings, salts, chemicals, etc. will be buried in the reserve pit and covered with a minimum of four feet of earth material. Prior to the onset of drilling, the burn pit will be fenced on all four sides with a net wire, and the reserve pit will be fenced on three sides. Upon completion of drilling, the fourth side of the reserve pit will be fenced and allowed to dry completely before backfilling and reclamation are attempted. A portable chemical toilet will be supplied for human waste.

8. ANCILLARY FACILITIES

There are no ancillary facilities planned for at the present time and none foreseen in the near future.

9. WELL SITE LAYOUT

See attached Location Layout Sheet.

The B.L.M. District Manager shall be notified before any construction begins on the proposed location site and road.

As mentioned in Item #7, the pits will be unlined unless it is determined by the representatives of the agencies involved that the materials are too porous and would cause contamination to the surrounding area; then the pits will be lined with a gel and any other type of material necessary to make it safe and tight.

When drilling activities commence, all work shall proceed in a neat and orderly sequence.

10. PLANS FOR RESTORATION OF SURFACE

As there is some topsoil on the location site, all topsoil shall be stripped and stockpiled. (See location layout sheet and Item #9). When all drilling and production activities have been completed, the location site and access road will be reshaped to the original contour and stockpiled topsoil spread over the disturbed area. Fences around pits are to be removed upon completion of drilling activities and all waste being contained in the trash pit shall be buried with a minimum of 4' of cover. The reserve pit will be completely fenced and allowed to dry before covering. When restoration activities have been completed, the location site and access ramp shall be reseeded with a seed mixture recommended by the B.L.M. District Manager when the moisture content of the soil is adequate for germination. The Lessee further covenants and agrees that all of said cleanup and restoration activities shall be done and performed in a diligent and most workmanlike manner and in strict conformity with the above mentioned Items #7 and #10.

11. OTHER INFORMATION

The Topography of the General Area - (See Topographic Map "A").

The area is a basin formed between the Book Cliff Mountains to the South and the Uinta Mountains to the North. The area is interlaced with numerous canyons and ridges which are extremely steep with numerous ledges formed in sandstones, conglomerates, and shale deposits. The Green River is located approximately 2 miles to the West of the location site.

The majority of the washes and streams in the area are non-perennial in nature with the only ones in the area having a year round flow being Willow Creek to the Northeast and the Green River to the West, of which the numerous washes, draws and non-perennial streams flow to the West and are tributaries to the Green River.

The soils of this semi-arid area are of the Uinta Formation and Duchesne River formation (the Fluvial Sandstone and Mudstone) from the Eocene Epoch and Quaternary Epoch (gravel surfaces) and the visible geologic structures consist of light brownish-gray clays (OL) to sandy soils (SM-ML) with poorly graded gravels and shales with outcrops of rock (sandstone, mudstone, conglomerates and shales).

Due to the low precipitation average, climatic conditions and the marginal types of soils, the vegetation that is found in the area is common of the semi-arid region we are located in and in the lower elevations of the Uinta Basin. It consists of, as primary flora, areas of sagebrush, rabbitbrush, some grasses and cacti, and large areas of bare soils devoid of any growth. In the areas away from and in the vicinity of non-perennial streams, cottonwoods, willows, tamarack, sagebrush, rabbitbrush, grasses and cacti can be found.

The fauna of the area is sparse and consists predominately of the mule deer, coyotes, pronghorn antelope, rabbits, and varieties of small ground squirrels and other types of rodents, and various reptiles common to the area.

The birds of the area are raptors, finches, ground sparrows, magpies, crows, and jays.

The area is used by man for the primary purpose of grazing domestic livestock.

The Topography of the Immediate Area (See Topographic Map "B").

Mapco Incorporated
River Bend Unit #11-21 E
Section 21, T10S, R19E, S.L.B. & M.

OTHER INFORMATION - continued

River Bend Unit #11-21 E location site sits on a relatively flat area, known as the Wild Horse Bench.

The geologic structure is of the Uinta formation and consists of light-brownish-gray sandy clay (SP-CL) with some sandstone outcrops.

The ground slopes from the West through the location to the East at approximately a 2% grade.

The location is covered with some sagebrush and grasses.

There are no occupied dwellings or other facilities of this nature in the general area.

There are no visible archaeological, historical, or cultural sites within any reasonable proximity of the proposed location site. (See Topographic Map "B").

12. LESSEE'S OPERATOR'S REPRESENTATIVE

Darwin Kulland
Mapco Incorporated
P.O. Box 1360
Roosevelt, Utah 84066

TELE: 1-801-722-4521

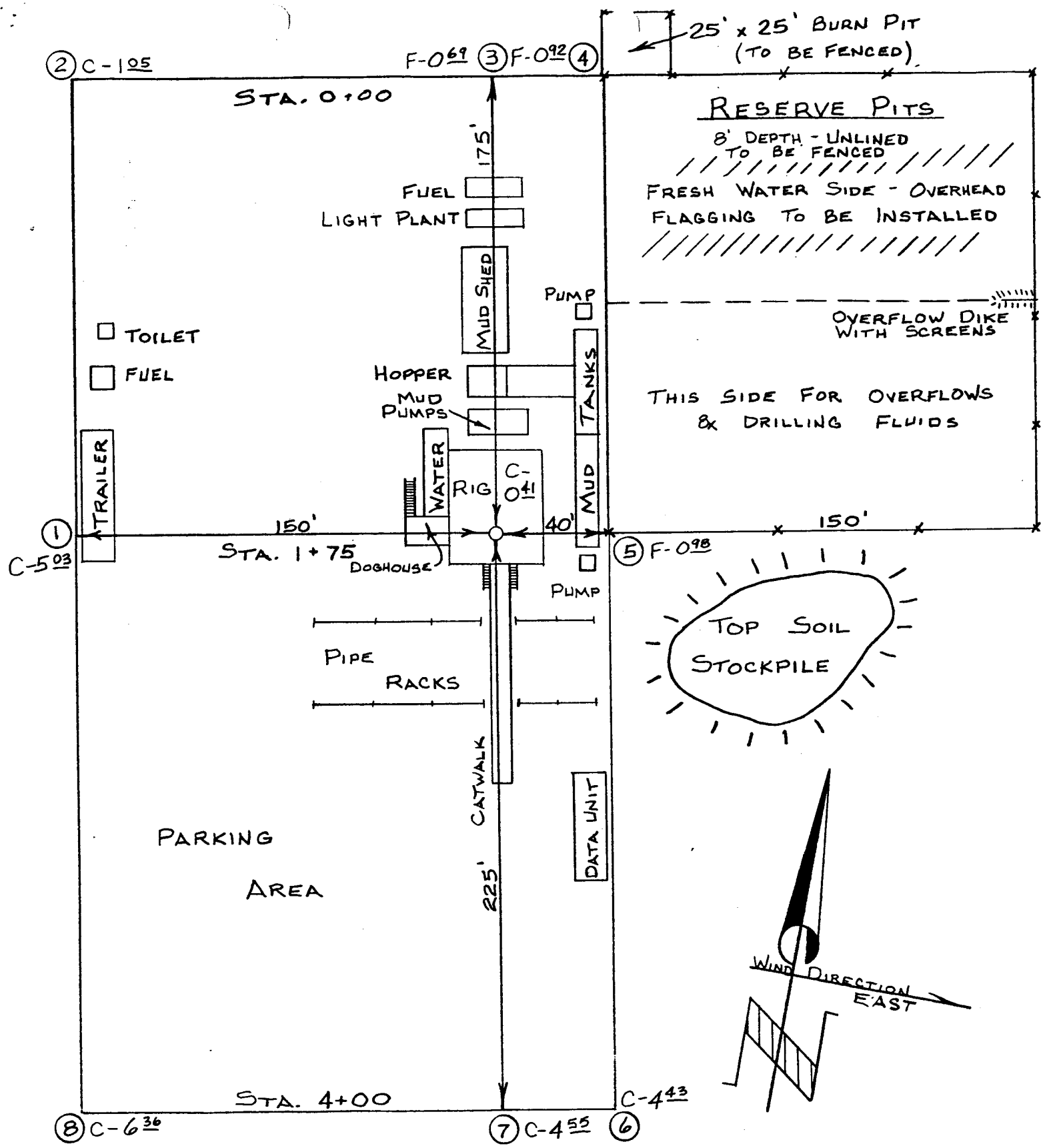
13. CERTIFICATION

I hereby certify that I, or persons under my direct supervision, have inspected the proposed drill site and access route; that I am familiar with the conditions which presently exist; that the statements made in this plan are, to the best of my knowledge true and correct; and that the work associated with the operations proposed herein will be performed by Mapco Incorporated and its contractors and sub-contractors in conformity with this plan and terms and conditions with this plan and the terms and conditions under which it is approved.

April 17, 1978
Date

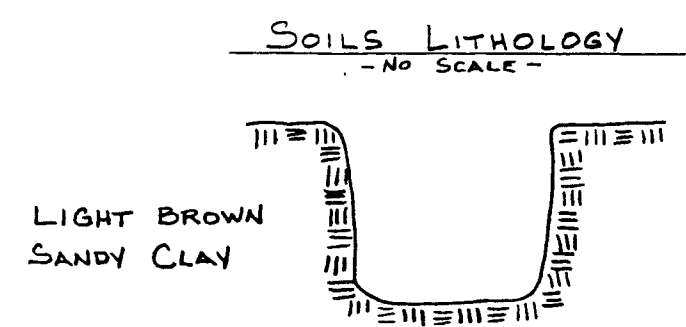
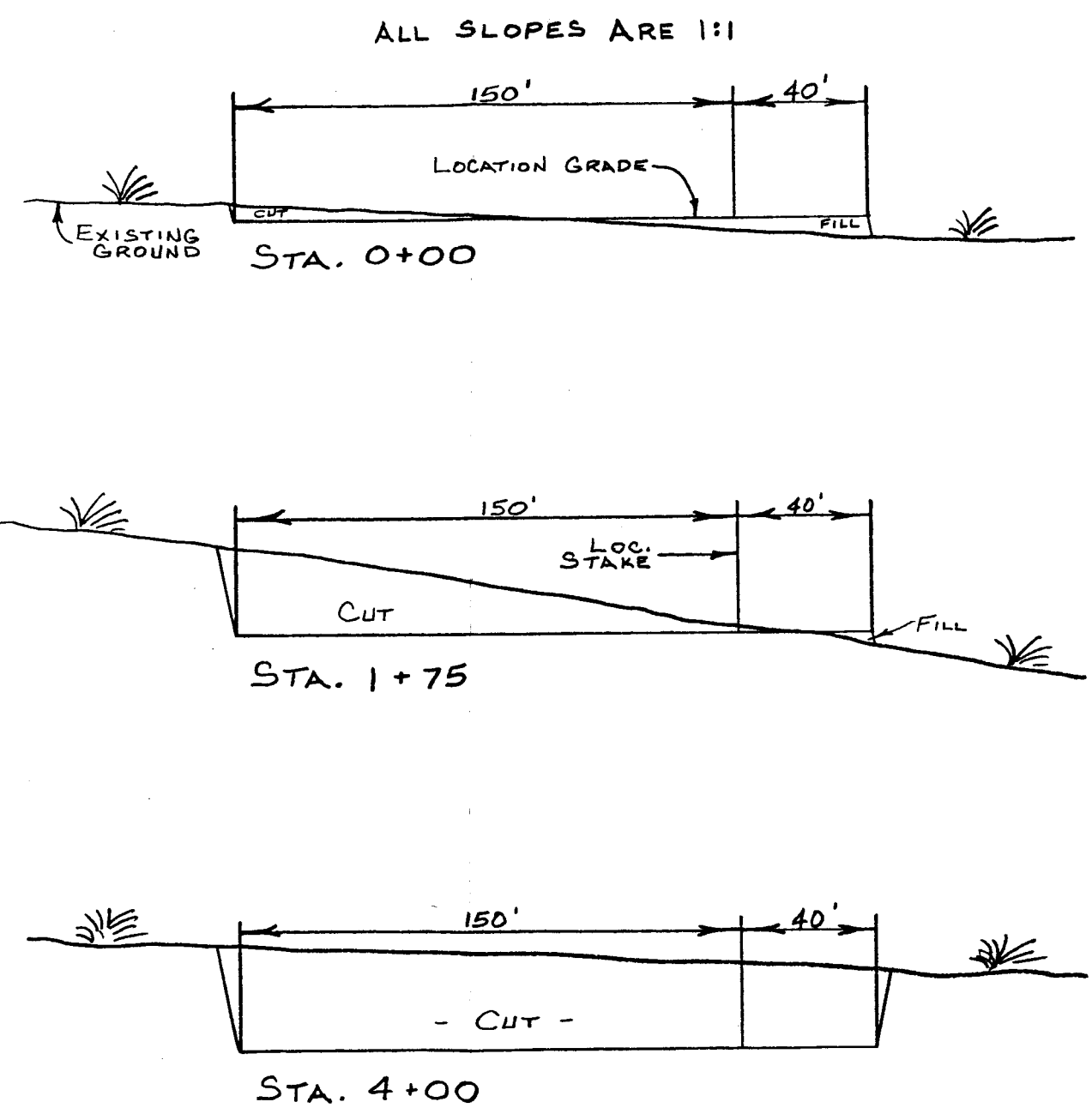
/s/ Darwin Kulland
Darwin Kulland
Drilling and Production Superintendant

MAPCO INC.
RIVER BEND UNIT #11-21 E
CUT SHEET

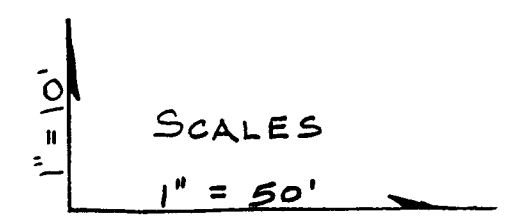


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APPROX. YARDAGES
CUT - 7,577 CU. YDS.
FILL - 278 CU. YDS.



MAPCO INC.

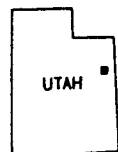
PROPOSED LOCATION
RIVER BEND UNIT #11-21 E



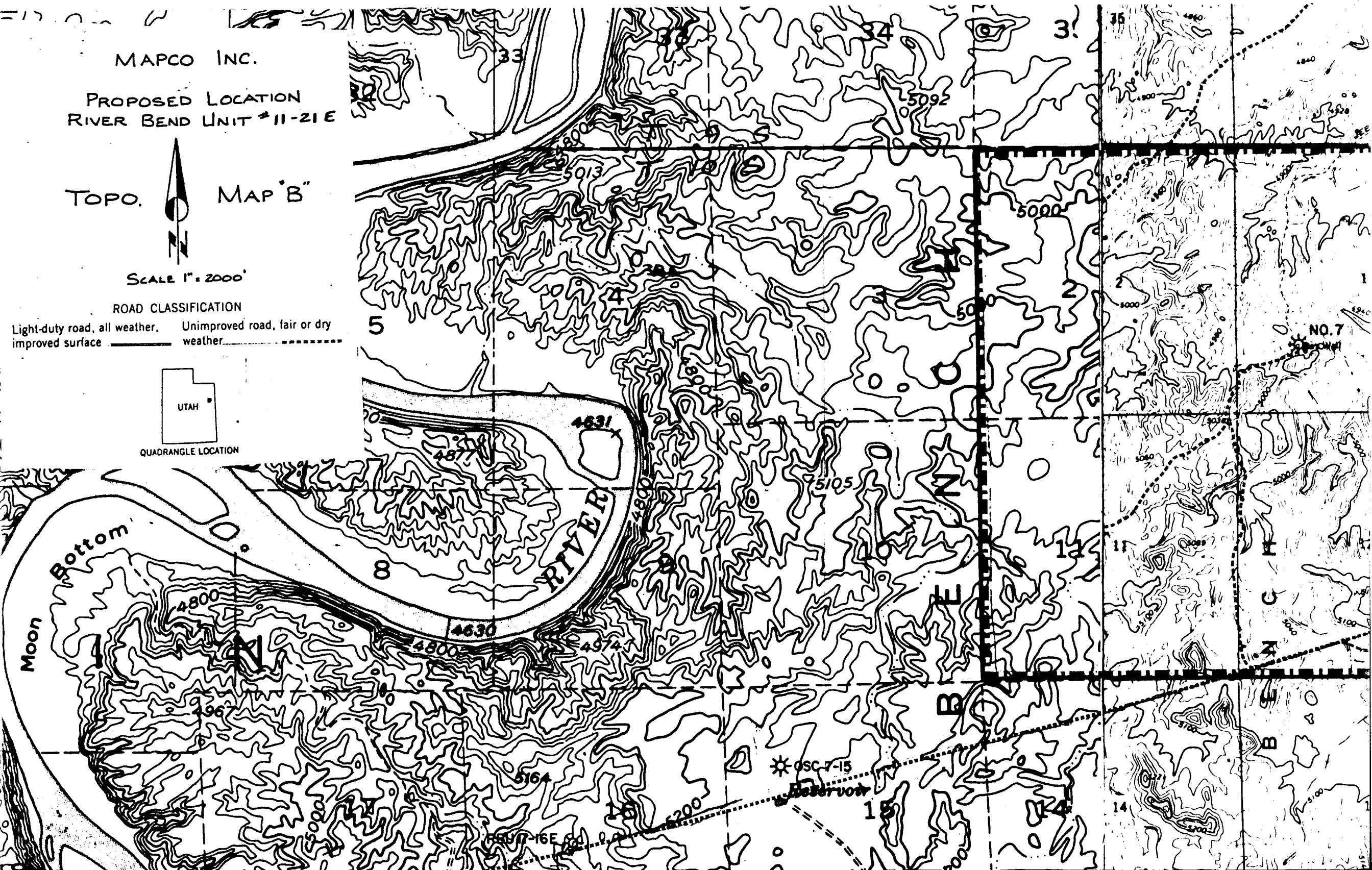
SCALE 1" = 2000'

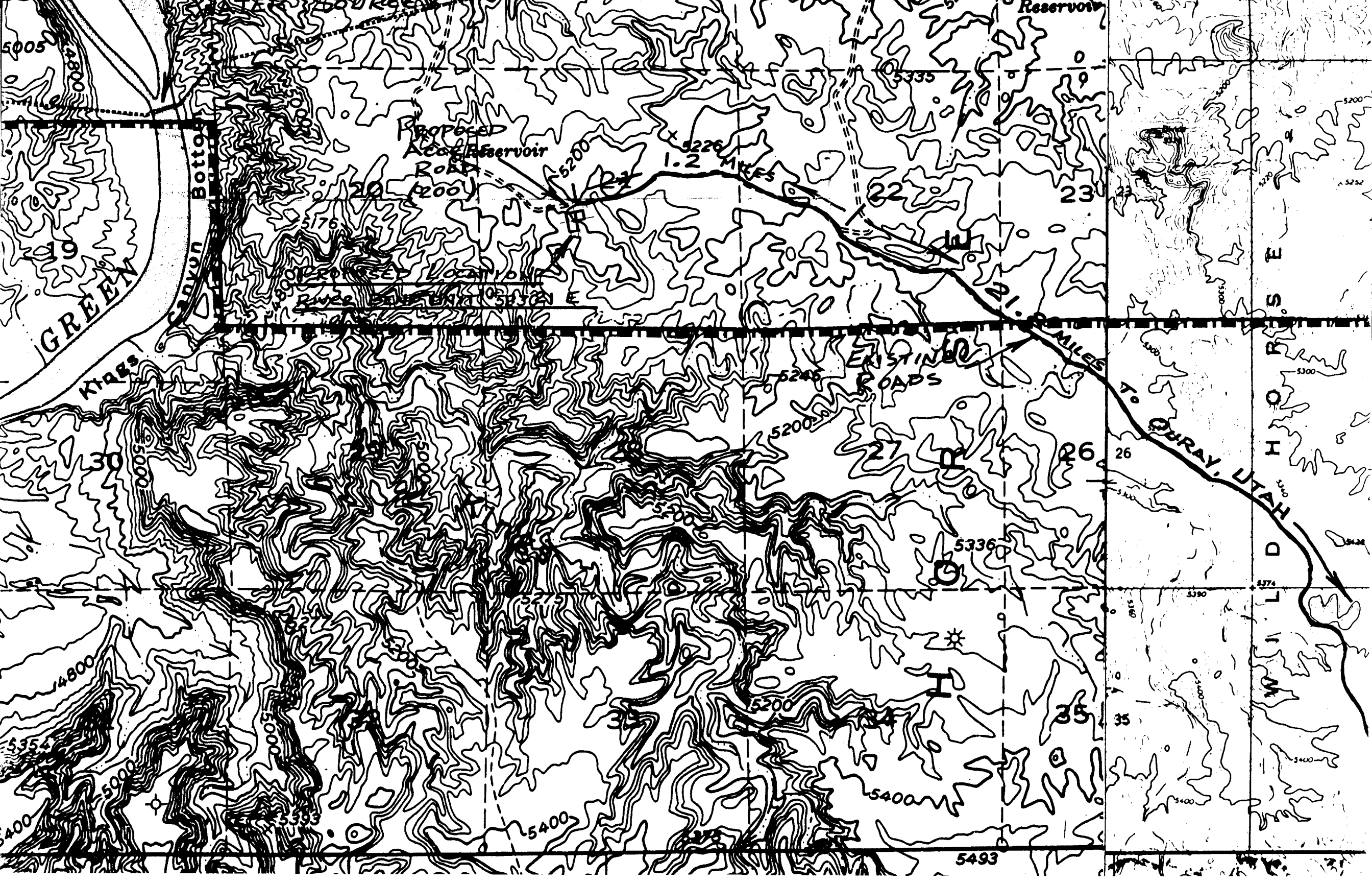
ROAD CLASSIFICATION

Light-duty road, all weather, improved surface —————
Unimproved road, fair or dry weather - - - - -



QUADRANGLE LOCATION





STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

** FILE NOTATIONS **

Date: April 24-
Operator: Mapco Inc.
Well No: River Bend Unit 11-21E
Location: Sec. 21 T. 10S R. 19E County: Uintah

File Prepared: ☒ Entered on N.I.D.: ☒
Card Indexed: ☒ Completion Sheet: ☒

API NUMBER: 43-047-30415

CHECKED BY:

Administrative Assistant SW

Remarks: OK - Unit Well

Petroleum Engineer ok.

Remarks:

Director 7

Remarks:

INCLUDE WITHIN APPROVAL LETTER:

Bond Required: OK

Survey Plat Required: ☐

Order No. ☐

Surface Casing Change ☐
to ☐

Rule C-3(c), Topographic exception/company owns or controls acreage
within a 660' radius of proposed site ☐

O.K. Rule C-3 ☐

O.K. In River Bend Unit ☒

Other:

☒ Letter Written/Approved

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLIC
(Other instructions on
reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

013766

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

River Bend Unit

8. FARM OR LEASE NAME

9. WELL NO.

~~11-21 F~~ (E?) J

10. FIELD AND POOL, OR WILDCAT

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Section 21, T10S, R19E, SLM

12. COUNTY OR PARISH

Uintah

Utah

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Mapco Incorporated

3. ADDRESS OF OPERATOR

Suite 320, Plaza West, 1537 Ave. "D", Billings, MT 59101

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)

At surface

2508' from the South line

1783' from the West line

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5188

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

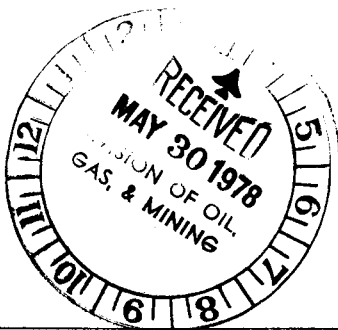
(Other)

(Other) location moved

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Location moved in accordance with directions given by Dean Evans, Vernal Office, Bureau of Land Management. Mr. Evans requested the location be moved North to North side of the of existing road in order to avoid proposed wilderness area.



10 S-19 E
Sec. 11
Mapco - Stay
off the wild side
of the road

18. I hereby certify that the foregoing is true and correct

SIGNED Gene Stewart

TITLE Consultant

DATE

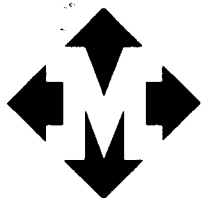
(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:



mapco
INC.

PRODUCTION DIVISION - NORTHERN DISTRICT

August 2, 1978

State of Utah
Department of Natural Resources
Division of Oil & Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

Attention: Cleon Feight

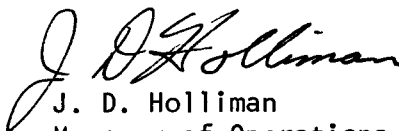
Re: Application for Permit to Drill
River Bend #14-08-0001-16305

Gentlemen:

Enclosed for your information is a copy of the Application for Permit to Drill and attachments for the RBU 11-21E, the location has been moved in accordance with directions given by the Bureau of Land Management.

Very truly yours,

MAPCO Inc.


J. D. Holliman

Manager of Operations
Northern District

JV

Enclosures



Instructions

General: This form is designed for submitting proposals to perform certain well operations, as indicated, on all types of lands and leases for appropriate action by either a Federal or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 1: If the proposal is to redrill to the same reservoir at a different subsurface location or to a new reservoir, use this form with appropriate notations. Consult applicable State or Federal regulations concerning subsequent work proposals or reports on the well.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 14: Needed only when location of well cannot readily be found by road from the land or lease description. A plat, or plats, separate or on this reverse side, showing the roads to, and the surveyed location of, the well, and any other required information, should be furnished when required by Federal or State agency offices.

Items 15 and 18: If well is to be, or has been directionally drilled, give distances for subsurface location of hole in any present or objective production zone.

Item 22: Consult applicable Federal or State regulations, or appropriate officials, concerning approval of the proposal before operations are started.

(11): The well is to be drilled with a salt water mud system maintaining a weight of approximately 9#/gal with weighting material on location sufficient to weight-up for pressure control as necessary.

(12): A mud logger will be used from 4000' to T.D. No drill stem tests will be run. No coring will be done. The logging program will include Dual Induction and CNL-Density Logs.

(13): As noted in #(11), no abnormal pressures are anticipated nor is the area known for abnormal temperatures. The formations to be penetrated do not contain H₂S gas.

(15): Auxiliary equipment: (a) Kelly cock

(b) Full opening valve on floor with DP connection for use when Kelly is not in string

(c) Pit volume totalizer equipment will be used.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK

DRILL ☒DEEPEN ☐PLUG BACK ☐

b. TYPE OF WELL

OIL
WELL ☐GAS
WELL ☒

OTHER

SINGLE
ZONE ☐MULTIPLE
ZONE ☒

2. NAME OF OPERATOR

MAPCO Incorporated

3. ADDRESS OF OPERATOR

Suite 320, Plaza West, 1537 Ave. "D", Billings, MT. 59102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface

(1) 2508' FSL & 1783' FWL

NE SW Section 21

At proposed prod. zone

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

18 Miles SW Ouray, Utah

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drlg. unit line, if any)

1783'

16. NO. OF ACRES IN LEASE

2240.00

17. NO. OF ACRES ASSIGNED
TO THIS WELL

640

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

5280'

19. PROPOSED DEPTH

(5) 8230'

20. ROTARY OR CABLE TOOLS

(4) Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)

(2) 5188' Ungraded GL

22. APPROX. DATE WORK WILL START*

(14) December 1, 1978

23.

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" -New	24	500'	Cement to surface
7-7/8"	5-1/2" -New	17	8230'	As required

Data required to be included on Form 9-331C by NTL-6, dated 6-1-76, as Items No. (1), (2), (3), (4), (5), (8), (9) and (14) are so noted above. The rest as follows:

(3) and (6): Uintah Surface Chapita Wells 5330'
Green River 1100' Uteland Bts. 6530'
Wasatch 4600' Mesaverde 7730'

(7): No water anticipated; possible thin, non-commercial oil bearing zones encountered in the Green River from approximately 1100' - 4600'±, no commercially productive oil bearing sands encountered in this area previously; gas bearing formations will be the Wasatch, expected intermediate overall interval from 4600' - 7700'±, and the Mesaverde from 7700'± to a total depth of 8230'.

(10): Figure #1 (attached)

--Continued on back of page--

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24.

SIGNED

James P. Holliman

TITLE

Manager of Operations

Northern District

DATE

August 1, 1978

(This space for Federal or State office use)

PERMIT NO.

APPROVAL DATE

APPROVED BY

Daniel J. Newquist

ACTING

TITLE

DISTRICT ENGINEER

DATE

SEP 19 1978

CONDITIONS OF APPROVAL, IF ANY:

CONDITIONS OF APPROVAL ATTACHED
TO OPERATOR'S COPY

*See Instructions On Reverse Side

NECESSARY FLARING OF GAS DURING
DRILLING AND COMPLETION APPROVED
SUBJECT TO ROYALTY (NTL-4)

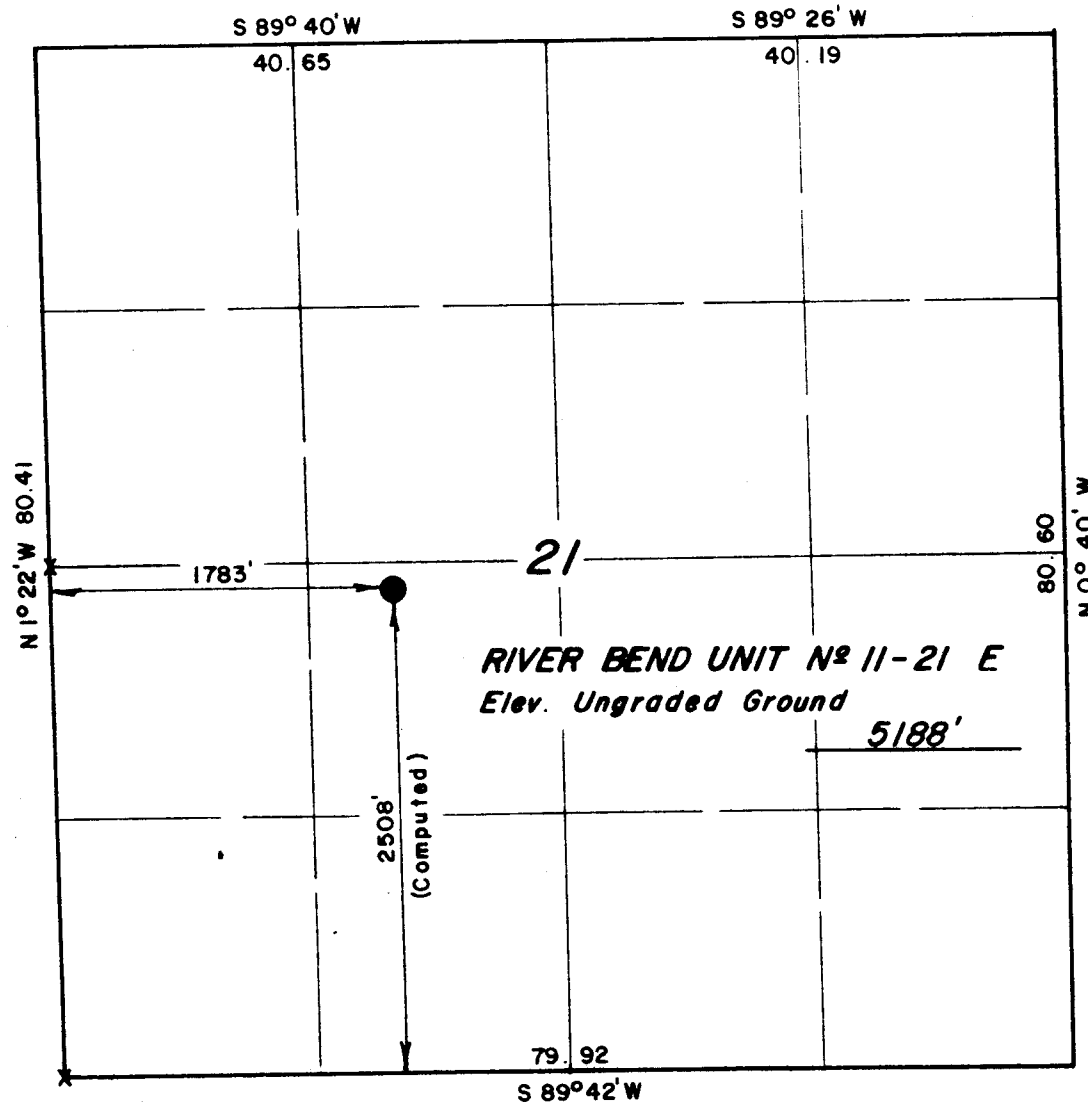
NOTICE OF APPROVAL

T 10 S, R 19 E, S.L.B.&M.

PROJECT

MAPCO INCORPORATED

Well location, *RIVER BEND UNIT N^o 11-21 E*, located as shown in the NE 1/4 SE 1/4 Section 21, T10S, R19E, S.L.B.&M. Uintah County, Utah.



X = Section Corners Located



CERTIFICATE

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME OR UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

Lana Stewart
REGISTERED LAND SURVEYOR
REGISTRATION NO 3154
STATE OF UTAH

UINTAH ENGINEERING & LAND SURVEYING
P.O. BOX Q - 110 EAST - FIRST SOUTH
VERNAL, UTAH - 84078

SCALE 1" = 1000'	DATE 5 / 25 / 78
PARTY M.S. SS. K.H. BFW	REFERENCES GLO Plat
WEATHER Fair	FILE MAPCO INC.

Instructions

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(11): The well is to be drilled with a salt water mud system maintaining a weight of approximately 9#/gal with weighting material on location sufficient to weight-up for pressure control as necessary.

(12): A mud logger will be used from 4000' to T.D. No drill stem tests will be run. No coring will be done. The logging program will include Dual Induction and CNL-Density Logs.

(13): As noted in #(11), no abnormal pressures are anticipated nor is the area known for abnormal temperatures. The formations to be penetrated do not contain H₂S gas.

(15): Auxiliary equipment: (a) Kelly cock

(b) Full opening valve on floor with DP connection for use when Kelly is not in string

(c) Pit volume totalizer equipment will be used.

RIVER BEND UNIT NO. 1-21E
 MAPCO PRODUCTION COMPANY
 COMPLETION REPORT
 ATTACHMENT

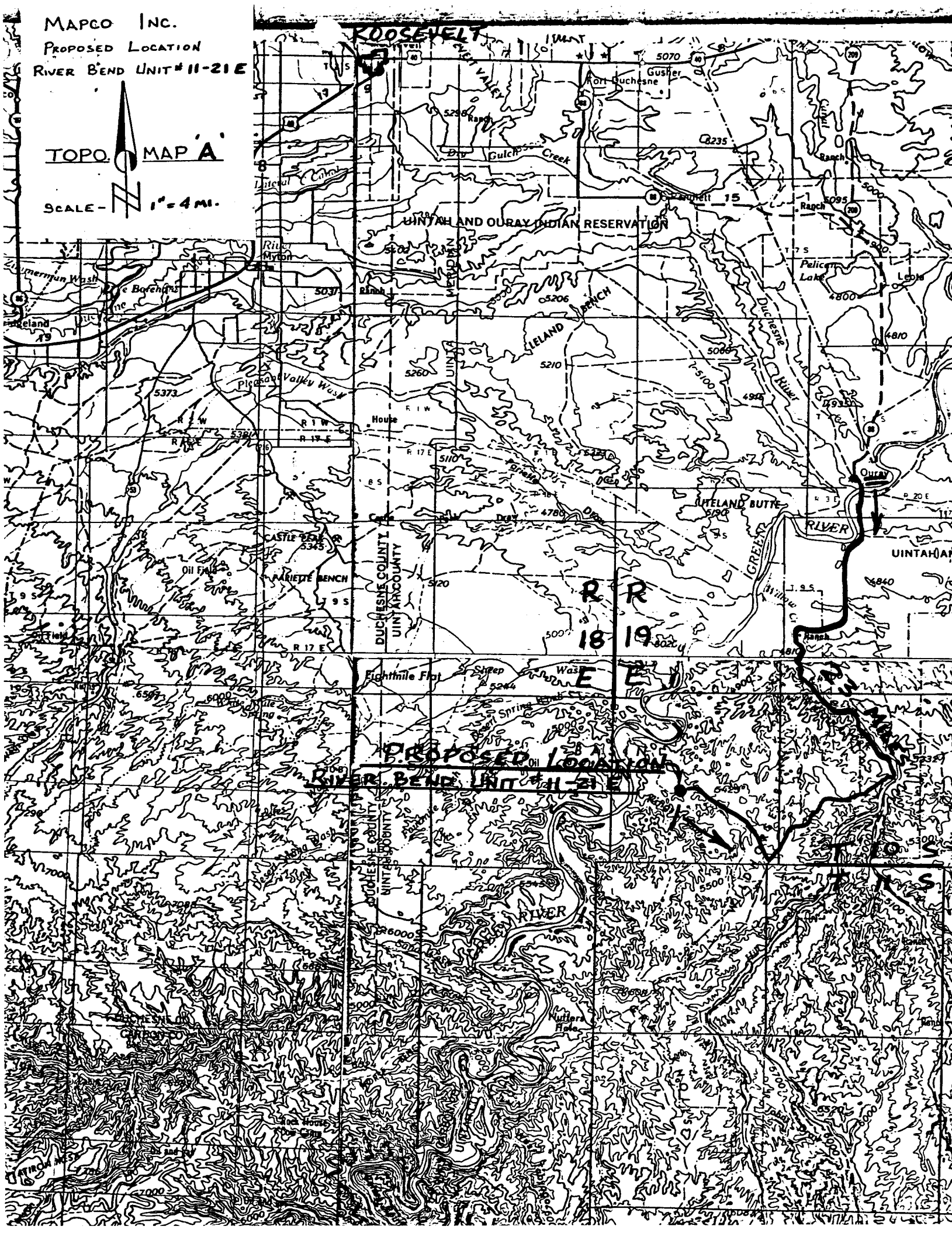
PERFORATION RECORD		ACID, SHOT, FRACTURE, CEMENT SQUEEZE	
INTERVAL AND DEPTH	SIZE NO.	AMOUNT AND KIND OF MATERIAL USED	
8337, 8335, 8334, 8332, 8292, 8287, 8273, 8270, 8267, 8263, 8261, 8186, 8184, 8182, 8177, 8175, 8170. Mesaverde	17	1700 gal 15% HCl, 35 BBLS 2% KCl water, 5900 YF4G gelled H ₂ O, 6200# 20-40 sand.	
See Above Job #2		327 BBLS 2% KCl water, 1600 gal 15% HCl, 10,000 gal WF-30 pre pad, 12,900 gal YF5PSD gelled water.	
See Above Job #3		12,000 gal 7-1/2% HCl, 22 BBLS 2% KCl water, no frac.	
5769, 5762, 5703, 5699, 5341, 5336, 4759, 4755. Chapita Wells, Wasatch	8	2400 gal MSR conversion, 10 gal A-200 Inhibitor, 57 BBLS 15% HCl, 109,914 gal gelled water, 197,000# 10-20 sand.	

RIVER BEND UNIT # 11-21 E

TOPO.

MAP A

SCALE - 1" = 4 MI.



U.S. GEOLOGICAL SURVEY, CONSERVATION DIVISION

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, SALT LAKE CITY, UTAH

Well	Location	Lease No.
<p>MAFCO INCORPORATED PRU-11-21E</p>	<p>2508' FSL & 1783' FWL (NE $\frac{1}{4}$ SW $\frac{1}{4}$) SEC 21, T.10S, R.19E, SLA. KINTAH COUNTY, UTAH G.F. 5188</p>	<p>U-013766</p>
<p>1. Stratigraphy and Potential Oil and Gas Horizons. The surface rocks are Miocene (Tertiary) and gas is anticipated by the operator in the Wasatch and Mesaverde. Projected tops by the operator appear reasonable.</p>		
<p>2. Fresh Water Sands. No water is expected to be encountered by the operator but fresh/usable water could occur in the Miocene and Green River Formations to a depth of 3000 \pm feet.</p>		
<p>3. Other Mineral Bearing Formations. Within oil shale withdrawal (Coal, Oil Shale, Potash, Etc.) E.O. 5327. The richest oil shale beds are found in the Parachute Creek member of the Green River Formation. Computations from Cashion's map shows that the top of the mahogany zone is at a depth of 1850 \pm feet. Well site is underlain by a continuous sequence of oil shale beds (500 \pm ft thick) that will yield 15 gallons of oil per ton. Protect oil shale beds.</p>		
<p>4. Possible Lost Circulation Zones. Unknown. from 1,800-2400 feet.</p>		
<p>5. Other Horizons Which May Need Special Mud, Casing, or Cementing Programs. aquifers penetrated. Protect any fresh/usable</p>		
<p>6. Possible Abnormal Pressure Zones and Temperature Gradients. Operator does not anticipate abnormal pressures or temperatures. The formations to be penetrated do not contain H₂S gas.</p>		
<p>7. Competency of Beds at Proposed Casing Setting Points. Probably adequate.</p>		
<p>8. Additional Logs or Samples Needed. Well is in area where Cashion states that sonic, density, gamma ray and neutron logs are useful for evaluation of oil shale beds (Parachute Creek).</p>		
<p>9. References and Remarks Within 2 mile radius of KGS. Cashion's oil shale map.</p>		
<p>Date: 8/9/78</p>		<p>Signed: REG</p>

USUAL ENVIRONMENTAL ANALYSISOperator Mapco, Inc. Well Name & No. RBU 11-21ELocation 2,508' FSL & 1,783' FWL NW $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 21, T. 10 S., R. 19 E., SLB&ICounty Uintah State Utah Lease No. Utah 013766Field River Bend Unit River Bend Well Type DevelopmentDate Inspected August 14, 1978Inspector Lynn E. RustTitle Environmental ScientistPrepared by Lynn E. Rust 8/24/78

Environmental Scientist, Casper, Wyoming

Other Agencies or Representatives concurrence:

Steve Ellis, Bureau of Land Management YesMajor Federal action under NEPA No

The following participated in a joint inspection of the proposed well-site and access road on August 14, 1978.

<u>Name</u>	<u>Representing</u>	<u>Title</u>	<u>Stationed In</u>
Lynn Rust	USGS	Environmental Scientist	Casper, Wyoming
Steve Ellis	BLM	Geologist	Vernal, Utah
Steve Hale	Mapco	Construction Supervisor	Roosevelt, Utah

Proposed Action

On August 4, 1978, Mapco, Inc. filed an Application for Permit to Drill the No. RBU 11-21E development well, an 8,230-foot gas test of the Wasatch and Mesaverde formations of Cretaceous age; located at an elevation of 5,188 GL feet in the NW $\frac{1}{4}$ NE $\frac{1}{4}$ SW $\frac{1}{4}$ sec. 21, T. 10 S., R. 19 E., SLM, on Federal mineral lands and BLM surface; lease No. Utah 031766. There was no objection raised to the wellsite nor to the access road.

A rotary rig would be used for the drilling. An adequate casing and cementing program is proposed. Fresh-water sands and other mineral-bearing formtions would be protected. A blowout preventer would be used during the drilling of the well. The proposed pressure rating should be adequate. Details of the operator's NTL-6 10-Point Subsurface and 13-Point Surface Protection Plans are on file in the USGS District Office

in Salt lake City, Utah, and the USGS Northern Rocky Mountain Area Office in Casper, Wyoming. The drilling operation would begin when a rig became available after approval of the APD and would be expected to last 3 weeks to reach total depth and complete the well for production if hydrocarbons are discovered.

A working agreement has been reached with the Bureau of Land Management, the controlling surface agency. Rehabilitation plans would be decided upon as the well neared completion; the Surface Management Agency would be consulted for technical expertise on those arrangements. Written concurrence of the surface managing agency is attached.

Location and Natural Setting

The proposed drillsite is approximately 18 miles southwest of Ouray, Utah, the nearest town. The nearest dwellings are 18 miles southwest. A poor road runs to the location. This well is in the south central portion of the River Bend field, with the nearest producing well being one mile northeast.

The overall topography consists of rolling prairie formed by bentonite hills with sandstone outcrops. The location is relatively flat, lying between two low ridges. The east end of the location runs into the east ridge. This broad flat area is called the "Wild Horse Bench."

The surface geology is Unita. The soil is a clay, somewhat sandy loam. No geologic hazards are known near the drillsite. Seismic risk for the area is minor. Anticipated geologic tops are filed with the 10-Point Subsurface Protection Plan. No mining of any sort is anticipated in the area. The land is used primarily for grazing. The climate is semi-arid with abundant sunshine, hot summers and cold winters with temperature variations on a daily and seasonal basis. The mean annual temperature of the area is 45⁰ F. with extremes ranging from 105⁰ F. to -20⁰ F. The ground usually freezes to a depth of approximately one foot in the winter. This could lead to frost heaving and spring thaw problems with the facilities. Annual precipitation is 8 to 10 inches. Winds are medium and steady, occurring predominately from west to east. Air mass inversions are rare.

The area eventually drains into the Green River. The nearest permanent water is river one mile to the west. The nearest intermittent water is a drainage one-fourth mile northwest. There are no water wells in the general area. The depths of fresh-water formations are listed in the 10-Point Subsurface Protection Plan.

Vegetation consists of sagebrush, prickly pear cactus, horse brush, rabbit brush, and blue gramma grass. Mammalian wildlife in the area include antelope, deer, fox, coyote, rabbit, ground squirrels, small gophers, and

mice. There are numerous prairie and mountain birds in the general area, including the following: Birds of prey such as owls, occasional Bald and Golden eagles, and various types of hawks and falcons. Snakes and small lizards are also present on a seasonal basis.

There are no known endangered or threatened plant species in the area. The following endangered animal species may be in the general area: American Bald Eagle. There are no known threatened animal species in the area.

An archaeologist, Steve Hayes, inspected the originally proposed site on the other side of the road (which is in a roadless area). BLM has waived an archaeological inspection for this site. There are no known historical, cultural or archaeological sites in the area.

There are no national parks, forests, wildlife refuges or ranges, grasslands, monuments, trails or other formally designated recreational facilities near the proposed location.

There are no state or local parks, forests, wildlife refuges or ranges, grasslands, monuments, trails, or other formally designated recreational facilities near the proposed location.

The proposed location is within the Hill Creek Planning Unit. This Environmental Assessment Record was compiled by the Bureau of Land Management, the surface managing agency of the Federal surface in the area. The study includes additional information on the environmental impact of oil and gas operations in this area and gives land use recommendations. The EAR is on file in the agency's State offices and is incorporated herein by reference.

Effects on the Environment by the Proposed Action

The wellpad would disturb approximately 2.3 acres. An estimated 16-foot cut and 1-foot fill would be necessary to level the pad area. The vegetation would be removed and minor relocation of wildlife in the immediate area, particularly small rodents, would be anticipated. If the test well results in a discovery of a gas pool, additional facilities would be needed requiring no additional surface. Construction of flowlines would disturb long, narrow strips of the surface for a short period of time.

The mud and reserve pits would contain all fluids used during the drilling operations. The potential for fluid spills, gas leaks, and related accidents would be present. Should a spill occur, prompt action should prevent any permanent erosive damages. Should a gas leak occur, the

effect on the atmosphere would be extremely short-lived. If the well should be productive, precautions would be taken against such accidents. Toxic or noxious gases would not be anticipated.

Some additional erosion would be expected in the area since surface vegetation would be removed. If erosion became serious, drainage systems such as water bars and dikes would be installed to minimize the problem. There would be no tangible effect on water migration in fresh-water aquifers. The pits would be unlined. If fresh water should be available from the well, the owner or surface agency may request completion as a water well.

Waterways would not be affected directly due to their distance from the site, about one mile west.

Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to predrilling levels.

Relatively heavy traffic would be anticipated during the drilling operations phase, increasing dust levels and exhaust pollutants in the area. If the well was to be completed for production, traffic would be reduced substantially to a maintenance schedule with a corresponding decrease of

dust levels and exhaust pollutants to minor levels. If the project results in a dry hole, all operations and impact from vehicular traffic would cease after abandonment. Due to the limited number of service vehicles and limited time span of their operation, the air quality would not be substantially reduced.

A trash pit would be utilized for any solid wastes generated at the site and would be hauled away to an acceptable sanitary land fill at the completion of the operations. Sewage would be handled according to State sanitary codes. For further information, see the 13-Point Surface Plan.

The animals and vegetation of the area would be disturbed for the life of the project. If the project was to produce hydrocarbons, adjustments in habitat occupancy would be expected. At abandonment, normal rehabilitation of the area such as contouring, reseeding, etc., would be undertaken with an eventual return to the present status as outlined in the 13-Point Surface Plan.

The site is not visible from any major roads; it is quite remote. After drilling operations, completion equipment would be visible to inhabitants of the area but would not present a major intrusion. The site would blend into the long-vista viewpoint.

Should the wellsite be abandoned, surface rehabilitation would be done according to the surface agency's ~~agency's~~ requirements and to USGS's satisfaction. This would involve leveling, contouring, reseeding, etc., of the location and possibly the access road. If the well should produce hydrocarbons, measures would be undertaken to protect wildlife and domestic stock from the production equipment. The anticipated traffic would have a minimal impact on ranch traffic and vehicular safety problems. Normal precautions would be employed to prevent damage or injury to ranch property and personnel. Aside from recreational activities such as hunting, the only other human conflicts that would arise in normal usage of the area would be the gas operations. These would be minor, with planned precautions to limit such conflict.

The economic and environmental impact of a single well is normally somewhat negligible, but should this well discover a significant new hydrocarbon source, local, state, and possibly national economics might be improved. In this instance, other development wells would be anticipated, with substantially greater environmental and economic impacts.

Alternatives to the Proposed Action

1. Under leasing provisions, the Geological Survey has an obligation to allow mineral development if the environmental consequences are not too

severe or irreversible. Upon rehabilitation of the site, the environmental effects of this action would be substantially mitigated, if not totally annulled. Permanent damage to the surface and subsurface would be prevented as much as possible under USGS and BLM supervision with rehabilitation planning reversing almost all effects. Additionally, the growing scarcity of gas should be taken into consideration. Therefore, the alternative of not proceeding with the proposed action at this time is rejected.

2. Minor relocation of the wellsite and access road or any special, restrictive stipulations or modifications to the proposed program would not significantly reduce the environmental impact. There are no severe vegetative, animal, or archaeological-historical-cultural conflicts at the site. Since only a minor impact on the environment would be expected, the alternative of moving the location is rejected.

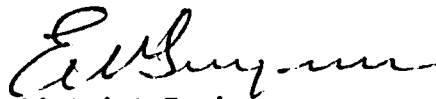
Adverse Environmental Effects Which Cannot Be Avoided

Surface scars resulting from construction work, wellpad, and the access road would be visible for the life of the project and for a period of time after abandonment while rehabilitation is completed. The disturbed areas would not be available for grazing purposes during the project's lifetime. Minor relocation of wildlife, notably small rodents, in the

immediate area would be anticipated. Any improvement of existing roads would be a semi-permanent effect as ranch traffic would continue to utilize the access road. Some erosion would be anticipated with the removal of vegetative cover. Dust levels and exhaust pollutants would increase somewhat during the construction and drilling phases of the operation. Traffic hazards with ranch vehicles, though low, would be present. Noise levels would increase during construction and drilling. The potential for fluid spills, gas leaks, and related accidents would be present. If hydrocarbons are discovered and produced, further gas development of the area would be expected to occur which would result in the extraction of an irreplaceable resource, and further negative environmental impacts.

Determination

This requested action does not constitute a major Federal Action significantly affecting the environment in the sense of NEPA, Section 102(2)(c).


District Engineer
Salt Lake City, Utah



8/14/78 NW NE SW Sec 21 T10S R19E
 Lease # U-013766 EA-1297-78 SLB+M
 Mapco Inc. Well # RB4-11-21E
 River Bend Field Looking SE 2R



8/14/78 NW NE SW Sec 21 T10S R19E
 Lease # U-013766 SLB+M
 Mapco Inc. Well # RB4-11-21E
 River Bend Field EA-1297-78 Looking NW 2R

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE
(Other instructions on reverse side)Form approved
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.

U-013766

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

River Bend Unit

8. FARM OR LEASE NAME

9. WELL NO.

RBU 11-21E

10. FIELD AND POOL, OR WILDCAT

River Bend

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Section 21

T. 10 S., R. 19 E.

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

1.

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

MAPCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR

Suite 320, Plaza West,
1537 Ave. D., Billings, MT 591024. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

NE SW Section 21 2508' FSL & 1783' FWL

14. PERMIT NO.

43-047-30483

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5188' Ungraded GL

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

Lay Flowline

X

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

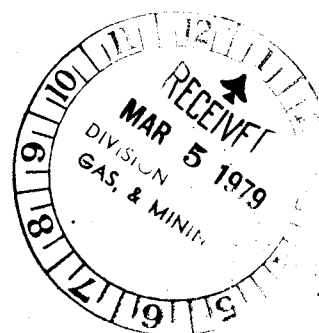
ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Lay flowline as shown in red on Attachment #1. For details of flowline please see attached cover letter to E. W. Guynn dated March 2, 1979. The relationship of the wellhead with respect to the surface installations is shown on Attachment 2B.



18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE

Production and Reservoir
Engineer

DATE March 2, 1979

(This space for Federal or State office use)

APPROVED BY

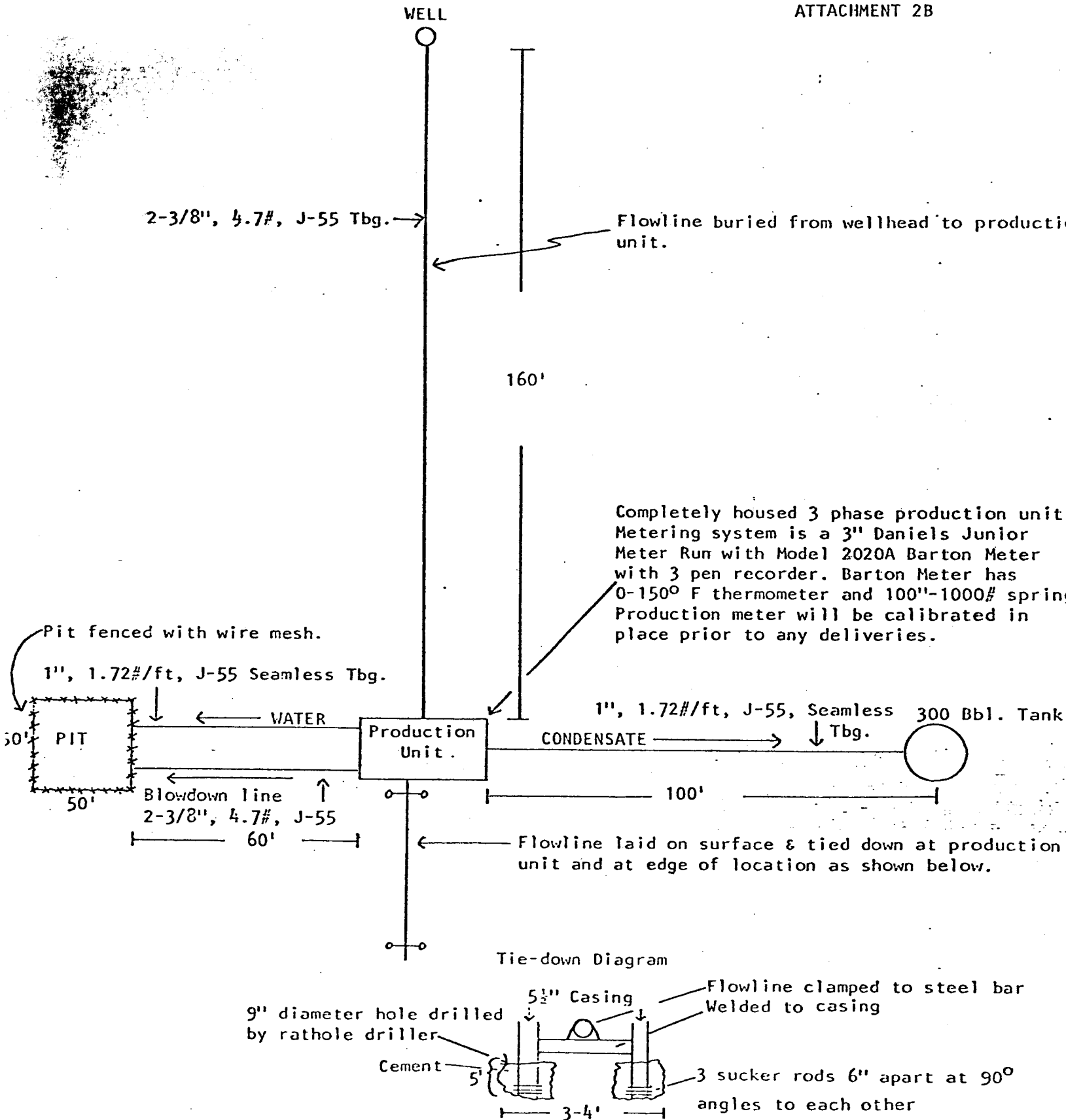
TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

ATTACHMENT 2B



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

110401

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-013766

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

MAPCO Incorporated

3. ADDRESS OF OPERATOR

Suite 320, Plaza West
1537 Ave. D., Billings, MT 59102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

2508' FSL & 1783' FWL
SE SW Section 21

14. PERMIT NO.

43-047-30483

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5188' Ungraded GL

7. UNIT AGREEMENT NAME

#14-03-0001-16305
River Bend Unit

8. FARM OR LEASE NAME

9. WELL NO.

RBU 11-21E

10. FIELD AND POOL, OR WILDCAT

River Bend

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Section 21

T 10 S., R. 19 E.

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☐
☐
☐
☐
☐

PULL OR ALTER CASING

☐
☐
☐
☐
☒

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐
☐
☐
☐

REPAIRING WELL

☐
☐
☐
☐

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Change of casing program:

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
(1) 17-1/2"	13-3/8" New	48	120'	Cement to surface.
(2) 12-1/4"	8-5/8" New	24	3250'	Cement to surface.
(3) 7-7/8"	5-1/2" New	17	8500'	As required.

18. I hereby certify that the foregoing is true and correct

SIGNED

James G. Benna

TITLE

Reservoir and Production Engineer

DATE January 30, 1979

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other instructions on reverse side)Form approved.
Budget Bureau No. 42-R1424.
5. LEASE DESIGNATION AND SERIAL NO.

U-013766

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

River Bend Unit

8. FARM OR LEASE NAME

9. WELL NO.

RBU 11-21E

10. FIELD AND POOL, OR WILDCAT

River Bend

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Section 21

T. 10 S., R. 19 E.

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

MAPCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR

Suite 320, Plaza West

1537 Ave. D., Billings, MT 59102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

NE SW Section 21 2508' FSL & 1783' FWL

14. PERMIT NO.

43-047-30483

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5188' Ungraded GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other) ORIGINAL COMPLETION

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

ESTIMATED STARTING DATE: 5-7-79

1. MIRU workover unit and install 1500 series BOP's (6" - 5000 psig working pressure, 10000 psig test). BOP's to be operated daily.
2. Perforate Mesaverde sands from 7654' - 8409' with 20± holes.
3. RIH with 2-3/8" tubing to 3000'±. Install wellhead.
4. RD and release workover unit.
5. RU treating company and pressure test surface lines to 7000 psig.
6. Breakdown perfs with 2000 gals of 7-1/2% Hcl and ball sealers.
7. Frac Mesaverde perfs with 70000 gals of gelled water and 100000#s of 20/40 sand. Maximum anticipated treating pressure 6000 psig.
8. Flow well to pit to clean up frac fluid.
9. Test well through 3 phase production unit with Barton Meter.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: 5-1-79

BY: M.G. Mander

18. I hereby certify that the foregoing is true and correct

SIGNED

James J. Benson

TITLE Regional Engineer

DATE April 17, 1979

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPLICATE*
(Other Instructions on reverse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-013766

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

River Bend Unit

8. FARM OR LEASE NAME

9. WELL NO.

RBU 11-21E

10. FIELD AND POOL, OR WILDCAT

River Bend

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Section 21

T. 10 S., R. 19 E.

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1.

OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

MAPCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR

Suite 320, Plaza West,
1537 Ave. D., Billings, MT 59102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*

See also space 17 below.)

At surface

NE SW Section 21 2508' FSL & 1783' FWL

14. PERMIT NO.

43-047-30483

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5188' Ungraded GL

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

☒

FRACTURE TREAT

☒

SHOOT OR ACIDIZE

☐

REPAIR WELL

☐

(Other)

WASATCH COMPLETION

PULL OR ALTER CASING

☐

MULTIPLE COMPLETE

☐

ABANDON*

☐

CHANGE PLANS

☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

☐

FRACTURE TREATMENT

☐

SHOOTING OR ACIDIZING

☐

(Other)

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

REPAIRING WELL

☐

ALTERING CASING

☐

ABANDONMENT*

☐

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

JOB #1

ESTIMATED STARTING DATE: July 5, 1979

1. MIRU workover unit. Kill well with 2% KCl water and install 1500 series BOP's (6" - 5000 psig working pressure, 10,000 psig test). BOP's to be operated daily.
2. POOH with 2-3/8" tubing.
3. RIH and set BP at 7600'±.
4. Perforate the following intervals of the Wasatch: Ute land Buttes from 7200-6492' with 19 holes; Chapita Wells from 5782-5342' with 14 holes; and the Upper Wasatch from 4788-4762' with 7 holes.
5. RIH with 2-3/8" tubing to 3000'±. Install wellhead. RD and release WO unit.
6. RU treating company and pressure test surface lines to 7000 ± psig.
7. Treat Wasatch perms from 7200-4762' with 190,000 gals of gelled water and 285,000#'s of 10/20 & 20/40. Treating pressure anticipated to be 5500± psig.
8. Flow well to pit to clean up frac fluid.
9. Test well through 3 phase production unit with Barton Meter.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

(Continued.)

DATE: _____

18. I hereby certify that the foregoing is true and correct

SIGNED

James J. Benne

BY:

P. D. Driscoll

TITLE Regional Engineer

DATE May 7, 1979

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

Sundry Notices and Reports on Wells
River Bend Unit 11-21E
Lease U-013766
Page 2

JOB #2

ESTIMATED STARTING DATE:

1. MIRU workover unit. Kill well with 2% Kcl water and install 1500 series BOP's (6"-5000 psig working pressure, 10,000 psig test). BOP's to be operated daily.
2. POOH with 2-3/8" tubing.
3. RIH to 7600'±, mill up BP, clean out well to TD, POOH.
4. RIH with 2-3/8" to 4500'±. Install wellhead. Release workover unit.
5. Return well to production.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPPLICATE*
(Other instructions on re-
verse side)Form approved. *mm*
Budget Bureau No. 42-R-1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

5. LEASE DESIGNATION AND SERIAL NO.

U-013766

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

River Bend Unit

8. FARM OR LEASE NAME

9. WELL NO.

RBU 11-21E

10. FIELD AND POOL, OR WILDCAT

River Bend

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

Section 21

T. 10 S., R. 19 E.

12. COUNTY OR PARISH 13. STATE

Uintah

Utah

1. OIL ☐ GAS ☒ OTHER

2. NAME OF OPERATOR

MAPCO PRODUCTION COMPANY

3. ADDRESS OF OPERATOR Suite 320, Plaza West,
1537 Ave. D., Billings, MT 591024. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface

NE SW Section 21 2508' FSL & 1783' FWL

14. PERMIT NO.

43-047-30483

15. ELEVATIONS (Show whether DP, RT, GR, etc.)

5188' Ungraded GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF ☐FRACTURE TREAT ☐SHOOT OR ACIDIZE ☐REPAIR WELL ☐(Other) ☐PULL OR ALTER CASING ☐MULTIPLE COMPLETE ☐ABANDON* ☐CHANGE PLANS ☐

SUBSEQUENT REPORT OF:

WATER SHUT-OFF ☐FRACTURE TREATMENT ☐SHOOTING OR ACIDIZING ☐(Other) Lay Flowline ☒REPAIRING WELL ☐ALTERING CASING ☐ABANDONMENT* ☐(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.)*

The new 3½" flowline was laid, as shown in red on the attachment,

from the 11-21E northward to a point in the SW/4 of Sec. 16, T. 10 S., R. 19 E.

18. I hereby certify that the foregoing is true and correct

SIGNED

Richard Baumann

TITLE Engineering Technician

DATE 8-1-79

(This space for Federal or State office use)

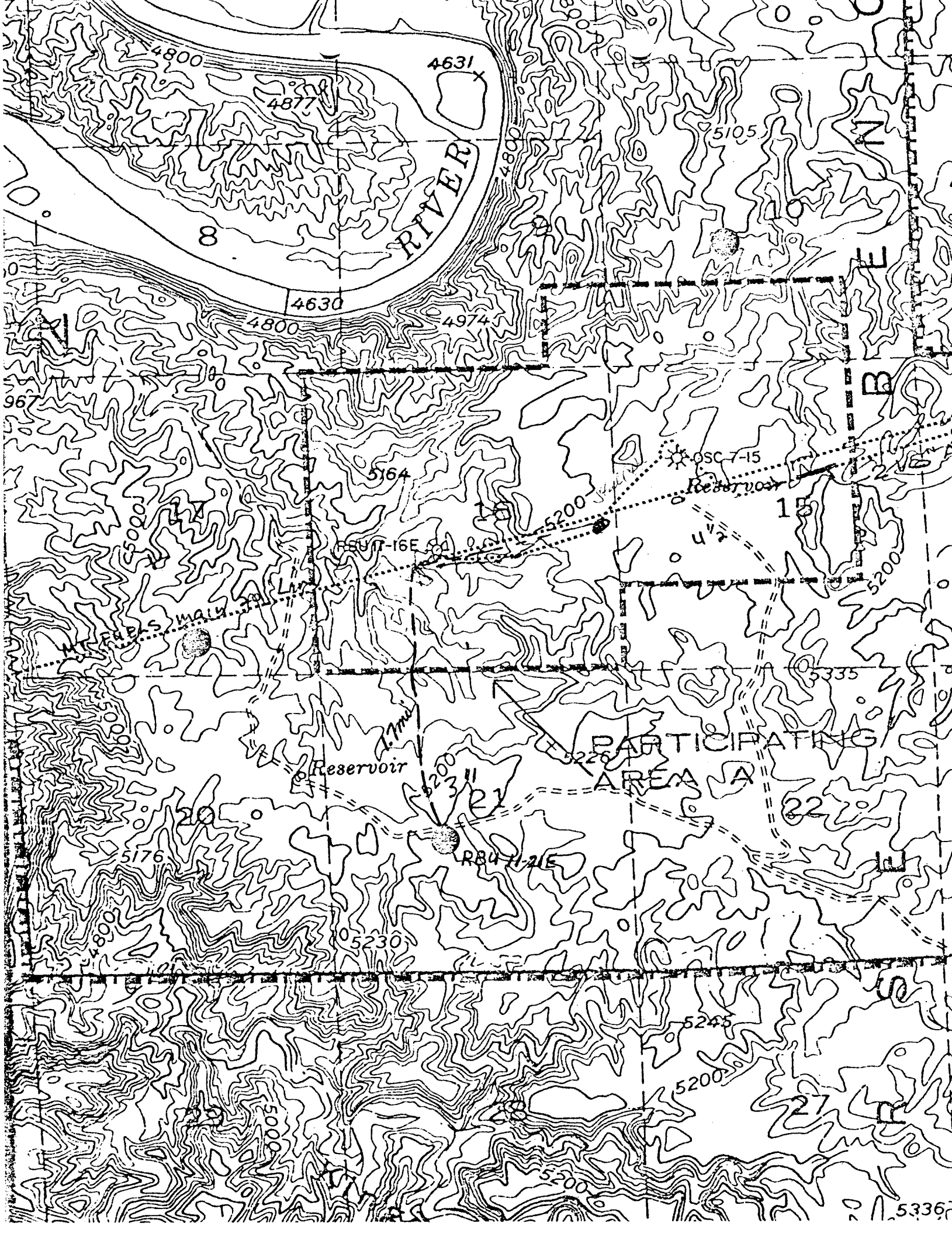
APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side





SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT
Director

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE McINTYRE

December 28, 1979

Mapco Inc.
Suite #320 Plaza West
1537 Ave. D
Billings, Montana 59102

RE: SEE ATTACHED SHEET FOR WELLS.

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above referred to well is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

DEBBIE BEAUREGARD
CLERK-TYPIST

ATTACHMENT SHEET.

- 1) River Bend Unit# 11-10E
Sec. 10, T. 10S, R. 19E,
Uintah County, Utah
- 2) River Bend Unit# 11-14E
Sec. 14, T. 10S, R. 19E,
Uintah County, Utah
- 3) River Bend Unit# 11-21E
Sec. 21, T. 10S, R. 19E,
Uintah County, Utah
- 4) River Bend Unit# 11-23E
Sec. 23, T. 10S, R. 19E,
Uintah County, Utah
- 5) River Bend Unit# 11-36B
Sec. 36, T. 9S, R. 19E,
Uintah County, Utah



SCOTT M. MATHESON
Governor

GORDON E. HARMSTON
Executive Director,
NATURAL RESOURCES

CLEON B. FEIGHT
Director

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING
1588 West North Temple
Salt Lake City, Utah 84116
(801) 533-5771
March 14, 1980

OIL, GAS, AND MINING BOARD

CHARLES R. HENDERSON
Chairman

JOHN L. BELL
C. RAY JUVELIN
THADIS W. BOX
CONSTANCE K. LUNDBERG
EDWARD T. BECK
E. STEELE McINTYRE

Mapco Production
1643 Lewis Ave.
Suite 202
Billings, Montana 59102

Re: Well No. River Bend Unit 11-21E.
Sec. 21, T. 10S, R. 19E.
Uintah County, Utah

Well No. River Bend Unit 11-36B
Sec. 36, T. 9S, R. 19E.
Uintah County, Utah

Gentlemen:

This letter is to advise you that the Well Completion or Recompletion Report and Log for the above mentioned wells is due and has not been filed with this office as required by our rules and regulations.

Please complete the enclosed Form OGC-3, in duplicate, and forward them to this office as soon as possible.

Thank you for your cooperation relative to the above.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING

JANICE TABISH
CLERK-TYPIST

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

6

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other _____		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other _____
2. NAME OF OPERATOR						MAPCO PRODUCTION COMPANY	
3. ADDRESS OF OPERATOR						Alpine Executive Center	
1643 Lewis Ave., Suite 202						Billings, MT 59102	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*							
At surface 2508' FSL & 1783' FWL, NE SW Sec. 21							
At top prod. interval reported below							
At total depth Same							
14. PERMIT NO.				DATE ISSUED			
43-047-30414				4-13-78			
15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, REB, RT, GR, ETC.)*	
2-15-79		4-5-79		11-15-79		5188' Ungraded G.L.	
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY	
8402'		8359'		3		Rotary	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*						25. WAS DIRECTIONAL SURVEY MADE	
5769'-4753' Wasatch and Chapita Wells						No	
8170'-8337' Mesaverde						No	
26. TYPE ELECTRIC AND OTHER LOGS RUN						27. WAS WELL CORED	
Dual Laterolog, BHC Sonic, Comp Neutron Log, FDC						No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
13-3/8"		48# K-55		142'		17-1/2"	
8-5/8"		24# K-55		3110'		±1-1/4"	
5-1/2"		17# N-80		0'-2362'			
Continued on back...							
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2-3/8"		8269'		None			
31. PERFORATION RECORD (Interval, size and number)							
SEE ATTACHMENT							
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.							
DEPTH INTERVAL (MD)				AMOUNT AND KIND OF MATERIAL USED			
33. PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
11-15-79						SI	
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
NO TEST							
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL. GAS—MCF. WATER—BBL. GAS-OIL RATIO	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)							
TEST APPROVED BY							
APR 18 1980							
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED		Richard Brumann				TITLE Engineering Technician	
						DATE 4-16-80	

*(See Instructions and Spaces for Additional Data on Reverse Side)

INSTRUCTIONS

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37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
			CASING RECORD CONTINUED FROM FRONT:	Wasatch	4578'	
			5-1/2" 17# K-55 2362'-4358'	Chapita Wells	5293'	
			5-1/2" 15.5# K-55 4358'-6898'	Uteland Buttes	6348'	
			5-1/2" 17# K-55 6898'-8402'	Mesaverde	7654'	
			Cemented with 2354 sacks total	T.D.	8409'	

RIVER BEND UNIT NO. -21E
 MAPCO PRODUCTION COMPANY
 COMPLETION REPORT
 ATTACHMENT

PERFORATION RECORD		ACID, SHOT, FRACTURE, CEMENT SQUEEZE	
INTERVAL AND DEPTH	SIZE NO.	AMOUNT AND KIND OF MATERIAL USED	
8337, 8335, 8334, 8332, 8292, 8287, 8273, 8270, 8267, 8263, 8261, 8186, 8184, 8182, 8177, 8175, 8170. Mesaverde	17	1700 gal 15% HCl, 35 BBLS 2% KCl water, 5900 YF4G gelled H ₂ O, 6200# 20-40 sand.	
See Above Job #2		327 BBLS 2% KCl water, 1600 gal 15% HCl, 10,000 gal WF-30 pre pad, 12,900 gal YF5PSD gelled water.	
See Above Job #3		12,000 gal 7-1/2% HCl, 22 BBLS 2% KCl water, no frac.	
5769, 5762, 5703, 5699, 5341, 5336, 4759, 4755. Chapita Wells, Wasatch	8	2400 gal MSR conversion, 10 gal A-200 Inhibitor, 57 BBLS 15% HCl, 109,914 gal gelled water, 197,000# 10-20 sand.	

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well ☐ gas ☒ well ☐ other

2. NAME OF OPERATOR MAPCO PRODUCTION COMPANY
Alpine Executive Center

3. ADDRESS OF OPERATOR 1643 Lewis Ave., Suite 202
Billings, MT 59102

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: NE/4 SW/4 2508' FSL & 1783' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	<input type="checkbox"/>	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input checked="" type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input checked="" type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) WELL STATUS		<input checked="" type="checkbox"/>

5. LEASE
U-013766

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
River Bend Unit

8. FARM OR LEASE NAME

9. WELL NO.
11-21E

10. FIELD OR WILDCAT NAME
River Bend

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 21
T. 10 S., R. 19 E.

12. COUNTY OR PARISH
Utah

13. STATE
Utah

14. API NO.
43-047-30483

15. ELEVATIONS (SHOW DF, KDB, AND WD)
5188' Ungraded GL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The RBU 11-21E has been SI since its initial production on 11-21-79.

The well is currently being tested.

Enclosed with this Sundry is a Completion Report. The Report has no test data due to insufficient production.

Subsurface Safety Valve: Manu. and Type _____

18. I hereby certify that the foregoing is true and correct

SIGNED Richard Baumann TITLE Eng. Technician DATE 4-16-80

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED

APR 18 1980

Set @ _____ Ft.
DIVISION OF
OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See
struc- on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

REVISED

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL:		OIL WELL <input type="checkbox"/>	GAS WELL <input checked="" type="checkbox"/>	DRY <input type="checkbox"/>	Other _____		
b. TYPE OF COMPLETION:		NEW WELL <input checked="" type="checkbox"/>	WORK OVER <input type="checkbox"/>	DEEP-EN <input type="checkbox"/>	PLUG BACK <input type="checkbox"/>	DIFF. RESVR. <input type="checkbox"/>	Other _____
2. NAME OF OPERATOR						MAPCO Production Company Alpine Executive Center	
3. ADDRESS OF OPERATOR						1643 Lewis Ave., Suite 202 Billings, MT 59102	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*							
At surface						2508' FSL & 1783' FWL, NE SW Sec 21	
At top prod. interval reported below						Same	
At total depth						Same	
14. PERMIT NO.				DATE ISSUED			
43-017-30414				4-13-78			
15. DATE SPUDDED		16. DATE T.D. REACHED		17. DATE COMPL. (Ready to prod.)		18. ELEVATIONS (DF, REB, RT, GR, ETC.)*	
2-15-79		4-5-79		11-15-79		5188' Ungraded G.L.	
20. TOTAL DEPTH, MD & TVD		21. PLUG, BACK T.D., MD & TVD		22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY	
8402'		8359'		3		Rotary	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*						25. WAS DIRECTIONAL SURVEY MADE	
5769'-4753' Wasatch and Chapita Wells						No	
8170'-8337' Mesaverde							
26. TYPE ELECTRIC AND OTHER LOGS RUN						27. WAS WELL CORED	
Dual Laterolog, BHC Sonic, Comp Neutron Log, FDC						No	
28. CASING RECORD (Report all strings set in well)							
CASING SIZE		WEIGHT, LB./FT.		DEPTH SET (MD)		HOLE SIZE	
13-3/8"		48# K-55		142'		17-1/2"	
8-5/8"		24# K-55		3110'		11-1/4"	
5-1/2"		17# N-80		0' - 2362'			
Continued on Back...							
29. LINER RECORD							
SIZE		TOP (MD)		BOTTOM (MD)		SACKS CEMENT*	
30. TUBING RECORD							
SIZE		DEPTH SET (MD)		PACKER SET (MD)			
2-3/8"		8269'		None			
31. PERFORATION RECORD (Interval, size and number)							
SEE ATTACHMENT							
32. ACID, SHOT, FRACTURE, ETC. RECORD							
DEPTH INTERVAL (MD)				AMOUNT			
33.* PRODUCTION							
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
1-17-80		Flowing				SI	
DATE OF TEST		HOURS TESTED		CHOKE SIZE		PROD'N. FOR TEST PERIOD	
12-2-79		21		14/64"		0	
FLOW. TUBING PRESS.		CASING PRESSURE		CALCULATED 24-HOUR RATE		OIL—BBL.	
500		500		0		272	
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)		TEST WITNESSED BY					
Sold							
35. LIST OF ATTACHMENTS							
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records							
SIGNED		TITLE				DATE	
Richard Baumann		Engineering Technician				6-24-80	

*(See Instructions and Spaces for Additional Data on Reverse Side)

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37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF: CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
			CASING RECORD CONTINUED FROM FRONT:
			5-1/2" 17# K-55 2362'-4358'
			5-1/2" 15.5# K-55 4358'-6898'
			5-1/2" 17# K-55 6898'-8402'
			Cemented with 2354 sacks total

38. GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Wasatch	4578'	
Chapita Wells	5293'	
Uteland Buttes	6348'	
Mesaverde	7654'	
T.D.	8409'	

RIVER BEND UNIT NO. 21E
 MAPCO PRODUCTION COMPANY
 COMPLETION REPORT
 ATTACHMENT

PERFORATION RECORD		ACID, SHOT, FRACTURE, CEMENT SQUEEZE	
INTERVAL AND DEPTH	SIZE NO.	AMOUNT AND KIND OF MATERIAL USED	
8337, 8335, 8334, 8332, 8292, 8287, 8273, 8270, 8267, 8263, 8261, 8186, 8184, 8182, 8177, 8175, 8170. Mesaverde	17	1700 gal 15% HCl, 35 BBLS 2% KCl water,, 5900 YF4G gelled H ₂ O, 6200# 20-40 sand.	
See Above Job #2		327 BBLS 2% KCl water, 1600 gal 15% HCl, 10,000 gal WF-30 pre pad, 12,900 gal YF5PSD gelled water.	
See Above Job #3		12,000 gal 7-1/2% HCl, 22 BBLS 2% KCl water, no frac.	
5769, 5762, 5703, 5699, 5341, 5336, 4759, 4755. Chapita Wells, Wasatch	8	2400 gal MSR conversion, 10 gal A-200 Inhibitor, 57 BBLS 15% HCl, 109,914 gal gelled water, 197,000# 10-20 sand.	

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See instructions on
reverse side)Form approved.
Budget Bureau No. 42-R355.5.

REVISED

5. LEASE DESIGNATION AND SERIAL NO.

U-013766

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

14-08-001-16305

8. FARM OR LEASE NAME

9. WELL NO.

RBU 11-21E

10. FIELD AND POOL, OR WILDCAT

River Bend Unit

11. SEC., T., R., M., OR BLOCK AND SURVEY
OR AREA

Sec 21, T10S, R19E

12. COUNTY OR
PARISH
Uintah13. STATE
Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other _____

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other _____2. NAME OF OPERATOR
MAPCO Production Company
Alpine Executive Center3. ADDRESS OF OPERATOR
1643 Lewis Ave., Suite 202
Billings, MT 59102

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 2508' FSL & 1783' FWL, NE SW Sec 21

At top prod. interval reported below Same

At total depth Same

14. PERMIT NO.

DATE ISSUED

43-017-30414

4-13-78

15. DATE SPUDDED

2-15-79

16. DATE T.D. REACHED

4-5-79

17. DATE COMPL. (Ready to prod.)

11-15-79

18. ELEVATIONS (DF, REB, RT, GR, ETC.)*

5188' Ungraded GL

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

8402'

21. PLUG BACK T.D., MD & TVD

8359'

22. IF MULTIPLE COMPL.,
HOW MANY*

3

23. INTERVALS
DRILLED BY

→

ROTARY TOOLS

Rotary

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

5769'-4753' Wasatch & Chapita Wells
8170'-8337' Mesaverde25. WAS DIRECTIONAL
SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Laterolog, BHC Sonic, Comp Neutron Log, FDC

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48# K-55	142'	17-1/2"	125 sacks	
8-5/8"	24# K-55	3110'	11-1/4"	1360 sacks	
5-1/2"	17# & 15.5#	8403'		2354 sacks	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	8269'	None

31. PERFORATION RECORD (Interval, size and number)

SEE ATTACHMENT

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
1-17-80		Flowing				Shut In	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
12-2-79	21	14/64 "	→	0	238	0	0
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
500	500	→	0	272	0	--	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

1 - Perforation Record

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED


Richard Baumann

TITLE Engineering Technician

DATE 7-7-80

*(See Instructions and Spaces for Additional Data on Reverse Side)

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37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

DESCRIPTION, CONTENTS, ETC.

FORMATION

TOP

BOTTOM

38. GEOLOGIC MARKERS

NAME

MEAS. DEPTH

TOP

TRUE VERT. DEPTH

Wasatch 4578'

Chapita Wells 5293'

Uteland Buttes 6348'

Mesaverde 7654'

T.D. 8409'

RIVER BEND UNIT NO 11-21E
MAPCO PRODUCTION COMPANY
COMPLETION REPORT
ATTACHMENT

PERFORATION RECORD			ACID, SHOT, FRACTURE, CEMENT SQUEEZE
INTERVAL AND DEPTH	SIZE	NO.	AMOUNT AND KIND OF MATERIAL USED
8337, 8335, 8334, 8332, 8292, 8287, 8273, 8270, 8267, 8263, 8261, 8186, 8184, 8182, 8177, 8175, 8170 Mesaverde		17	1700 gal 15% HCl, 35 bbls 2% KCl water, 11,500 gal gel H ₂ O, 34,500# 20-40 sand.
See Above Job #2			327 bbls 2% KCl water, 1600 gal 15% HCl, 10,000 gal WF-30 pre-pad, 12,900 gal YF5PSD gel H ₂ O.
See Above Job #3			12,000 gal 7-1/2% HCl, 22 bbls 2% KCl water, no frac.
5769, 5762, 5703, 5699, 5341, 5336, 4759, 4755 Chapita Wells & Wasatch		8	2400 gal MSR conversion, 10 gal A-200 Inhibitor, 57 bbls 15% HCl, 109,914 gal gelled H ₂ O, 197,000# 10-20 sand.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well ☐ gas well ☒ other
2. NAME OF OPERATOR MAPCO PRODUCTION COMPANY
Alpine Executive Center
3. ADDRESS OF OPERATOR 1643 Lewis Avenue, Su. 202
Billings, MT. 59102
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 2508' FSL & 1783' FWL
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same
16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

- | REQUEST FOR APPROVAL TO: | | SUBSEQUENT REPORT OF: | |
|--------------------------|-------------------------------------|-----------------------|--------------------------|
| TEST WATER SHUT-OFF | <input type="checkbox"/> | | <input type="checkbox"/> |
| FRACTURE TREAT | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |
| SHOOT OR ACIDIZE | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |
| REPAIR WELL | <input type="checkbox"/> | | <input type="checkbox"/> |
| PULL OR ALTER CASING | <input type="checkbox"/> | | <input type="checkbox"/> |
| MULTIPLE COMPLETE | <input type="checkbox"/> | | <input type="checkbox"/> |
| CHANGE ZONES | <input checked="" type="checkbox"/> | | <input type="checkbox"/> |
| ABANDON* | <input type="checkbox"/> | | <input type="checkbox"/> |
| (other) | <input type="checkbox"/> | | <input type="checkbox"/> |

5. LEASE
U-013760
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME
14-08-001-16305
8. FARM OR LEASE NAME
9. WELL NO.
RBU 11-21E
10. FIELD OR WILDCAT NAME
RIVER BEND
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 21 T10S, R19E
12. COUNTY OR PARISH
Uintah,
13. STATE
Utah
14. API NO.
43-017-30414
15. ELEVATIONS (SHOW DF, KDB, AND WD)
5188' G.L.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

MAPCO intends to abandon Mesaverde Formation and recompleate the well in the Green River Formation. Please see attached procedure for details.

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: 9-12-80

BY: ORIGINAL SIGNED BY C. D. FEIGHT

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Richard Baumann TITLE Engineering Tech. DATE 8-29-80
Richard Baumann

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

RIVER BEND UNIT NO. 11-21E
NE SW SECTION 21, T. 10 S., R. 19 E.
UINTAH COUNTY, UTAH

GREEN RIVER COMPLETION

Present Condition

5-1/2" 15.5# and 17# casing @ 8403'.
2-3/8" tubing with packer @ 5742', and RBP at 5851'.
Wasatch perfs: 4766-4772, 7 shots
Chapita Wells pers: 5346-5351, 6 shots; 5707-5711, 5 shots; 5770-5775, 6 shots
Mesaverde perfs: 8170-8343, 17 shots.

Procedure

1. MIRU completion rig.
2. Control well, ND tree, NU BOP.
3. Release pkr. at 5742' and retrieve RBP @ 5851'. POOH and LD tools.
4. PU CIBP on 2-3/8" tubing.
5. RIH to \pm 8100' (top of Mesaverde) and set CIBP.
6. RU cementing co. and spot 20 sacks of cement on retainer.
7. POOH with 2-3/8" tubing.
8. PU CIBP and RIH to \pm 4750' and set CIBP.
9. Spot 15 sacks of cement on CIBP.
10. Pull up to 4600' and reverse circulate. Note: A 20 sack plug would not leave sufficient room to perforate interval from 4560' - 4566'.
11. Swab well down to \pm 4000'.
12. POOH with 2-3/8" tubing.
13. RU wireline co. and perforate the following BHC - Acoustilog depths 2 SPF phased 120° with a 4" casing gun:
Green River Tongue - 4565', 4564', 4563', 4562', 4561', 4560'.
14. PU 5-1/2" pkr. and RIH to \pm 4400'.
15. Swab test perfs from 4565' - 4560'.
16. If necessary, breakdown with 500 gallons of 15% HCl containing nonemulsifier and 500 SCF/Bbl nitrogen.
17. If zone merits further testing, a frac procedure will follow.
18. If zone is not productive POOH with 2-3/8" tubing and pkr.
19. PU 5-1/2" RBP and RIH to 3800'. Set and test RBP.
20. Swab well down to \pm 3400'.
21. POOH and RU perforators.
22. Perforate the following BHC - Acoustilog depths 2 SPF phased 120° with a 4" casing gun:
Green River "K" zone - 3673', 3672', 3671', 3670', 3669', 3668',
3667', 3663', 3662', 3661', 3660', 3659'. Total 12' and 24 shots.
23. RIH with 2-3/8" tubing and pkr. to \pm 3500'. Swab test perfs from 3673' - 3659'.
24. If necessary, break down perfs with 1200 gals. of 15% HCl containing non-emulsifier and 500 SCF/Bbl N₂.
25. If needed, a frac procedure will follow.
26. If zone is not productive, release pkr. and retrieve RBP.

27. Pull up to $\pm 3500'$ with RBP. Set and test same.
28. Swab well down to $\pm 3000'$.
29. POOH with 2-3/8" tubing and pkr.
30. Perforate the following BHC - Acoustilog depths 2 SPF phased 120° with a 4" casing gun:
 Green River "I" zone - 3388', 3387', 3386', 3385', 3384', 3383',
 3382'. Total 7' and 14 shots.
31. RIH with 2-3/8" tubing and pkr. to $\pm 3200'$. Swab test perfs. from 3388' - 3382'.
32. If needed, a frac procedure will follow.
33. If the RBU 11-21E proves to be a commercial Green River well, this AFE would be supplemented to provide for production facilities.
34. If the RBU 11-21E proves to be a dry hole, an AFE will be submitted to P&A.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. 113766
Communitization Agreement No. NA
Field Name NA
Unit Name RIVER BEND UNIT
Participating Area NA
County UINTAH State UTAH
Operator MAPCO PRODUCTION COMPANY
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of August, 19 80

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
11-21E	21 NESW	10S	19E	PGW	0	0	0	0	SI pending for-mation evaluation

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLS)	Gas (MCF)	Water (BBLS)
*On hand, Start of Month	<u>0</u>	<u>XXXXXXXXXXXXXXXXXX</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*Produced	<u>0</u>	<u>0</u>	<u>0</u>
*Sold	<u>0</u>	<u>0</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*Spilled or Lost		<u>XXXXXXXXXXXXXXXXXX</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*Flared or Vented	<u>XXXXXXXXXX</u>	<u>0</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*Used on Lease	<u>0</u>		<u>XXXXXXXXXXXXXXXXXX</u>
*Injected	<u>0</u>		
*Surface Pits	<u>XXXXXXXXXXXXXXXXXX</u>	<u>XXXXXXXXXXXXXXXXXX</u>	
*Other (Identify)			
*On hand, End of Month		<u>XXXXXXXXXXXXXXXXXX</u>	<u>XXXXXXXXXXXXXXXXXX</u>
*API Gravity/BTU Content			<u>XXXXXXXXXXXXXXXXXX</u>

Authorized Signature: Richard L. Luman Address: 1643 Lewis Ave., Billings, MT 59102
Title: Engineering Technician Page _____ of _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
(FORM 9-329)
(2/76)
OMB 42-RO 356

MONTHLY REPORT
OF
OPERATIONS

Lease No. 13766
Communitization Agreement No. NA
Field Name NA
Unit Name RIVER BEND UNIT
Participating Area NA
County UINTAH State UTAH
Operator MAPCO PRODUCTION COMPANY
☐ Amended Report

The following is a correct report of operations and production (including status of all unplugged wells) for the month of November, 19 80

(See Reverse of Form for Instructions)

This report is required by law (30 U.S.C. 189, 30 U.S.C. 359, 25 U.S.C. 396 d), regulation (30 CFR 221.60), and the terms of the lease. Failure to report can result in the assessment of liquidated damages (30 CFR 221.54 (j)), shutting down operations, or basis for recommendation to cancel the lease and forfeit the bond (30 CFR 221.53).

Well No.	Sec. & 1/4 of 1/4	TWP	RNG	Well Status	Days Prod.	*Barrels of Oil	*MCF of Gas	*Barrels of Water	Remarks
11-21E	21 NESW	10S	19E	PGW	0	0	0	0	Well SI pending workover

*If none, so state.

DISPOSITION OF PRODUCTION (Lease, Participating Area, or Communitized Area basis)

	Oil & Condensate (BBLs)	Gas (MCF)	Water (BBLs)
*On hand, Start of Month		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Produced			
*Sold			XXXXXXXXXXXXXXXXXX
*Spilled or Lost		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*Flared or Vented	XXXXXXXXXXXXXXXXXX		XXXXXXXXXXXXXXXXXX
*Used on Lease			XXXXXXXXXXXXXXXXXX
*Injected			
*Surface Pits	XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX	
*Other (Identify)			
*On hand, End of Month		XXXXXXXXXXXXXXXXXX	XXXXXXXXXXXXXXXXXX
*API Gravity/BTU Content			XXXXXXXXXXXXXXXXXX

Authorized Signature: Richard Baumann Address: 1643 Lewis Ave., Billings, MT 59102
Title: Engineering Technician Page of

Docket No. UC 1263-9

FINAL DETERMINATION BY THE OIL AND GAS SUPERVISOR UNDER THE NATURAL GAS POLICY ACT OF 1978 (NGPA)

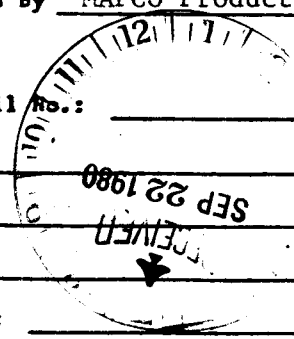
A final category determination is set forth below pursuant to the provisions of the NGPA for certain Federal lease gas as requested in application received on 10-15-79 and filed by MAPCO Production Co.

For the onshore:

Well Name and No.: RBU 1E-21E
Sec., T. and R.: Sec. 21, T10S, R19E
API No.: 43-047-30483
Reservoir: Wasatch, Chapita Wells & Mesaverde
Lease No.: U-013766
County and State: Uintah, Utah

For the OCS:

Lease and Well No.:
Block:
API No:
Reservoir:
Nearby State:



Category determination requested: Section 102 (c) (1) (C)

Final category determination: Approved as requested ☒ Negative determination ☐

Remarks:

In accordance with the requirements of 18 CFR 274.104, the following information and reference materials will be submitted to the FERC with this final determination:

- List of participants including the applicant and all parties submitting comments on the application.
MAPCO Production Company
- A statement on any matter opposed.
- A copy of the application. Also, a copy of any other materials in the record used in the determination together with any information inconsistent (or possibly inconsistent) with the determination, which includes:
- All materials required under 18 CFR 274, Subpart B, and all other record materials (and portions of record materials) used in the determination process are enclosed.
- An explanatory statement summarizing the basis for the determination is enclosed.
- For a New Onshore Production Well determination involving 18 CFR 271.305(b) or (c), a finding as to the necessity of the well is enclosed.

A final jurisdictional agency determination is hereby made that the Federal lease natural gas referred to above does/does not qualify as natural gas produced from a New Onshore Reservoir in accordance with the applicable provisions of the NGPA.

Any person may object to this final determination by filing a protest with the FERC within 15 days after this determination is published by the FERC in the Federal Register in accordance with 18 CFR Part 275.

Name: C. J. Curtis Title: Acting Deputy Conservation
Signature: [Signature] Manager for Oil & Gas Operations

Date: 9-19-80 Phone number: (307) 265-5550 ext. 5405 Address: Box 2859, Casper, WY 82601
cc: Applicant Public Info. File
Purchaser(s) Lease File
NGPA File Commenters
New Reservoir
State File

*In the case of a negative determination, only a copy of the negative determination and a copy of form FERC 121 will be forwarded to FERC. If the applicant or any aggrieved party so requests within 15 days of making such a determination, all information referenced in 1 through 6 will be forwarded within 20 days following the determination to the FERC in accordance with 18 CFR 274.104(b).

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYForm Approved.
Budget Bureau No. 42-R1424

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other ☐
2. NAME OF OPERATOR MAPCO PRODUCTION COMPANY
Alpine Executive Center
3. ADDRESS OF OPERATOR 1643 Lewis Ave., Suite 202
Billings, MT 59102
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: NE/4 SW/4 2508' FSL & 1783' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐ ☐
FRACTURE TREAT ☐ ☐
SHOOT OR ACIDIZE ☐ ☐
REPAIR WELL ☐ ☐
PULL OR ALTER CASING ☐ ☐
MULTIPLE COMPLETE ☐ ☐
CHANGE ZONES ☐ ☐
ABANDON* ☐ ☐
(other) Proposed Production Facilities

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

PLEASE SEE ATTACHED COPY OF PRODUCTION FACILITIES
FOR THE RIVER BEND UNIT 11-21E.APPROVED BY THE DIVISION
OF OIL, GAS, AND MINING

DATE: 1/22/81

BY: W. J. Minder

Subsurface Safety Valve: Manu. and Type

18. I hereby certify that the foregoing is true and correct

SIGNED Richard Baumann
Richard BaumannTITLE Engineering Tech.DATE 1-19-81

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

5. LEASE U-013766	6. IF INDIAN, ALLOTTEE OR TRIBE NAME
7. UNIT AGREEMENT NAME River Bend Unit	8. FARM OR LEASE NAME
9. WELL NO. 11-21E	10. FIELD OR WILDCAT NAME River Bend
11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA Section 21 T. 10 S., R. 19 E.	12. COUNTY OR PARISH Utah
13. STATE Utah	14. API NO. 43-047-30483
15. ELEVATIONS (SHOW DF, KDB, AND WD) 5188' Ungraded GL	

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

Instructions

Subject

MAPCO Production Company

Green River Oil Well Production Facilities

Date

Sheet

of

By

Pumping Unit

Gas line from casing
1", 1.72#/ft. J-55 Seamless tbg.

Above ground flowline, 3-1/2" .216"
W.T. Sch. 40.

All flowlines & tanks insulated.

Production to go directly to tank.
When tank is full, fire tube heater
in the tank will be started & the
water drained to the water tank.

160' From well to Production Tanks

Load Line

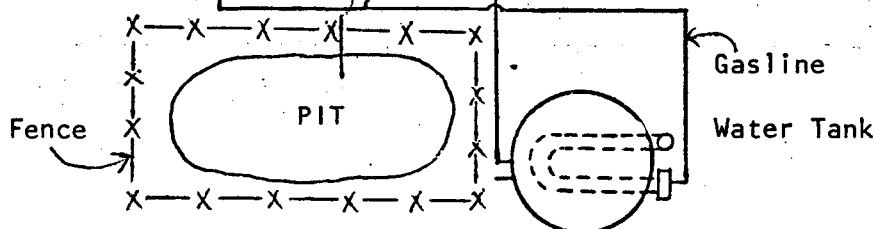
Production Tanks

Supported by
Walkway

All tanks to have ladders
and walkways.

Waterline, 2", .154" WT., Sch. 40.

TOP VIEW



Firetube Stack

Gas Vent Line
300 Bbl. Welded
Production Tanks w/ 8" heaters.

SIDE VIEW

Load Line

300 Bbl. welded
Water Tank w/ 4" heater.

Ground Level

Dike around production tanks.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other

2. NAME OF OPERATOR
MAPCO Production Company

3. ADDRESS OF OPERATOR
1643 Lewis Ave., Ste 202, Billings, MT 59102

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: NE $\frac{1}{4}$ SW $\frac{1}{4}$ 2508' FSL & 1783' FWL
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

TEST WATER SHUT-OFF ☐
FRACTURE TREAT ☐
SHOOT OR ACIDIZE ☐
REPAIR WELL ☐
PULL OR ALTER CASING ☐
MULTIPLE COMPLETE ☐
CHANGE ZONES ☐
ABANDON* ☐
(other) ☐

SUBSEQUENT REPORT OF:

☐
☒
☒
☒
☐
☐
☒
☐

5. LEASE

U-013766

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

River Bend Unit

8. FARM OR LEASE NAME

9. WELL NO.

11-21E

10. FIELD OR WILDCAT NAME

River Bend

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 21, T10S, R19E

12. COUNTY OR PARISH

Uintah

13. STATE

Utah

14. API NO.

43-047-30483

15. ELEVATIONS (SHOW DF, KDB, AND WD)

5188' Ungraded GL

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

MAPCO has abandoned the Mesaverde formation and recompleted the RBU 11-21E in the Green River formation.

Please see attachment for further detail.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Richard Baumann TITLE Engr Tech DATE 3-31-81

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

MAPCO PRODUCTION COMPANY
COMPLETION REPORT 11-21E
ATTACHMENT

PERFORATION RECORD

Interval and Depth	No.	Acid, Shot, Fracture, Cement Squeeze Amount and Kind of Material Used
--------------------	-----	--

NOTE: 9-27-80 Set CIBP at 8100' w/20 sx, Set CIBP @ 4750' w/20 sx

Green River Tongue 4560-4565	(2 spf)	1100 gal 15% HCl
Greek River K zone 3659-3673 10-1-80	(2 spf)	2400 gal 15% HCl with additive 9660 gal gelled diesel 12000# 10/20 sand
3382-3388 12-31-80 - 1-03-81	(2 spf)	Very wet. Squeezed perfs with 7 bbls cement.

Form approved.
Budget Bureau No. 42-R355.5.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> DRY <input type="checkbox"/> Other _____				7. UNIT AGREEMENT NAME River Bend	
b. TYPE OF COMPLETION: NEW WELL <input type="checkbox"/> WORK OVER <input checked="" type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. RESVR. <input type="checkbox"/> Other _____				8. FARM OR LEASE NAME _____	
2. NAME OF OPERATOR MAPCO Production Company				9. WELL NO. RBU 11-21E	
3. ADDRESS OF OPERATOR 1643 Lewis Ave., Ste 202, Billings, MT 59102				10. FIELD AND POOL, OR WILDCAT River Bend	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 2508' FSL & 1783' FWL, NE SW Sec 21 At top prod. interval reported below Same At total depth Same				11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA Sec. 21, T10S, R19E	
14. PERMIT NO. 43-07-30414		DATE ISSUED 4-13-78		12. COUNTY OR PARISH Uintah	
				13. STATE UT	
15. DATE SPUDDED 2-15-79	16. DATE T.D. REACHED 4-5-79	17. DATE COMPL. (Ready to prod.) 1-24-81	18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 5188 G1		19. ELEV. CASINGHEAD -
20. TOTAL DEPTH, MD & TVD 8402		21. PLUG, BACK T.D., MD & TVD 4750'	22. IF MULTIPLE COMPL., HOW MANY* 2	23. INTERVALS DRILLED BY Surface to TD	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Green River Tongue 4560-4565 Green River K zone 3659-3673					25. WAS DIRECTIONAL SURVEY MADE No
26. TYPE ELECTRIC AND OTHER LOGS RUN					27. WAS WELL CORED No
28. CASING RECORD (Report all strings set in well)					
CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	142'	17-1/2"	125 sacks	
8-5/8"	24#	3110'	11-1/4"	1360 sacks	
5-1/2"	17# 15.5#	8403'	7-7/8"	2354 sacks	
29. LINER RECORD			30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	
31. PERFORATION RECORD (Interval, size and number) See Attachment			32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.		
			DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED	
33.* PRODUCTION					
DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)			WELL STATUS (Producing or shut-in)
10-2-80 Swab		Well on pump 1-24-81			Producing
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.
2-17-81	336	-	→	350	TSTM
3-2-81					
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.
-	-	→	25	TSTM	59
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used on lease					TEST WITNESSED BY Darwin Kulland
35. LIST OF ATTACHMENTS Perforation and treatment					
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records					
SIGNED <i>Richard Baumann</i>		TITLE Engineering Technician		DATE 3-31-81	

***(See Instructions and Spaces for Additional Data on Reverse Side)**

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments. **Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES: SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Wasatch Chapita Wells Uteland Buttes Mesaverde	4578 5293 6348 7654	+ 624 - 91 -1146 -2452



CNG PRODUCING COMPANY
TULSA DIVISION

RECEIVED

FEB 22 1985

February 15, 1985

**DIVISION OF OIL
& GAS & MINING**

State of Utah
Division of Oil, Gas and Mining
335 West North Temple
3 Triad Center, Suite 350
Salt Lake City, Utah 84180-1203

Re: Transfer of Ownership and
Operations
Oil and Gas Wells
State of Utah

Gentlemen:

This letter is to inform you that:

CNG Producing Company
705 S. Elgin Ave., P. O. Box 2115
Tulsa, Oklahoma 74101-2115

has acquired the ownership and operations of oil and gas wells formerly
owned and operated by:

MAPCO Oil & Gas Company
Tulsa, Oklahoma

Attached is a listing of wells involved in the transfer. Should
there be any question regarding this matter, I may be contacted at
(918)599-4005.

Sincerely,

Greg Bechtol
Sr. Engineering Technician

GB/sr
Attachment

RIVER BEND UNIT NO. 14-08-0001-16035
UINTAH COUNTY, UTAH

Status of All Wells Located Within the River Bend Unit

<u>Well Name</u>	<u>Location</u>	<u>Status</u>
1. OSC No. 1	SE NW Sec. 17-T10S-R20E	Water supply well
2. OSC No. 2	NW SE Sec. 3-T01S-R20E	Suspended gas well
3. OSC No. 3	SW NE Sec. 10-T10S-R20E	Plugged & abandoned
4. OSC No. 4	NW NE Sec. 30-T 9S-R20E	Suspended gas well
5. OSC No. 4A	NW NE Sec. 30-T 9S-R20E	Suspended gas well
6. OSC No. 5	NE NE Sec. 2-T10S-R18E	Producing oil well
7. Natural 1-2	SE NW Sec. 2-T10S-R20E	Plugged & abandoned
8. OSC No. 7-15	SW NW Sec. 15-T10S-R19E	Producing gas well
9. RBU 11-16E	NE SW Sec. 16-T10S-R19E	Producing gas well
10. RBU 11-18F	NE SW Sec. 18-T10S-R20E	Producing gas well
11. RBU 11-13E	NE SW Sec. 13-T10S-R19E	Producing gas well
12. RBU 7-21F	SW NE Sec. 21-T10S-R20E	Producing gas well
13. RBU 11-15F	NE SW Sec. 15-T10S-R20E	Producing gas well
14. RBU 11-19F	NE SW Sec. 19-T10S-R20E	Producing gas well
15. RBU 11-10E	NE SW Sec. 10-T10S-R19E	Producing gas well
16. RBU 11-23E	NE SW Sec. 23-T10S-R19E	Producing gas well
17. RBU 11-21E	NE SW Sec. 21-T10S-R19E	Producing oil well
18. RBU 11-14E	NE SW Sec. 14-T10S-R19E	Producing gas well
19. RBU 11-16F	NE SW Sec. 16-T10S-R20E	Producing gas well
20. RBU 11-36B	NE SW Sec. 36-T 9S-R19E	Plugged & abandoned
21. FED 7-25B	SW NE Sec. 25-T 9S-R19E	Producing oil well
22. RBU 7-11F	SW NE Sec. 11-T10S-R20E	Producing gas well
23. RBU 11-17F	NE SW Sec. 17-T10S-R20E	Suspended gas well
24. RBU 5-11D	SW NW Sec. 11-T10S-R18E	Producing gas well
25. RBU 11-22E	NE SW Sec. 22-T10S-R19E	Producing gas well
26. RBU 4-11D	NW NW Sec. 11-T10S-R18E	Producing oil well
27. RBU 15-23F	SW SE Sec. 23-T10S-R20E	Plugged & abandoned
28. RBU 11-3F	NE SW Sec. 3-T10S-R20E	Producing gas well
29. RBU 11-2F	NE SW Sec. 2-T10S-R20E	Producing oil well
30. RBU 7-22F	SW NE Sec. 22-T10S-R20E	Producing gas well
31. RBU 8-14F	SE NE Sec. 14-T10S-R20E	Producing gas well
32. RBU 6-20F	SE NW Sec. 20-T10S-R20E	Producing gas well
33. RBU 11-24E	NE SW Sec. 24-T10S-R19E	Producing gas well
34. RBU 7-10F	SW NE Sec. 10-T10S-R20E	Producing gas well
35. RBU 1-10E	NE NE Sec. 10-T10S-R19E	Producing gas well
36. RBU 1-15E	NE NE Sec. 15-T10S-R19E	Producing gas well
37. RBU 1-22E	NE NE Sec. 22-T10S-R19E	Producing gas well
38. RBU 1-14E	NE NE Sec. 14-T10S-R19E	Producing gas well
39. RBU 1-23E	NE NE Sec. 23-T10S-R19E	Producing gas well
40. RBU 2-11D	NW NE Sec. 11-T10S-R18E	Producing oil well
41. RBU 4-19F	NW NW Sec. 19-T10S-R20E	Producing gas well
42. RBU 16-3F	SE SE Sec. 3-T10S-R20E	Producing gas well
43. RBU 13-11F	SW SW Sec. 11-T10S-R20E	Producing gas well
44. RBU 16-16F	SE SE Sec. 16-T10S-R20E	Producing gas well
45. RBU 6-2D	SE NW Sec. 2 T10S-R18E	Producing oil well



CNG PRODUCING COMPANY
TULSA DIVISION

RECEIVED

FEB 27 1985

February 25, 1985

**DIVISION OF OIL
GAS & MINING**

State of Utah
Division of Oil & Gas Mining
355 W. North Temple
3 Triad Center - Suite 350
Salt Lake City, Utah 84180-1203

Gentlemen:

Effective January 1, 1985, CNG Producing Company, New Orleans, LA., purchased the oil and gas properties of MAPCO Oil & Gas Company located in the state of Utah. Attached is a list of the properties sold for which CNG will now be responsible.

Please direct any future correspondence concerning these wells to the address shown below:

CNG Producing Company - Tulsa Division
P. O. Box 2115
Tulsa, OK 74101-2115
Attention: Joe C. Lineback

Yours truly,

Joe C. Lineback.
Manager of Accounting

JCL/cf

Attachment

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TR.
(Other instructions
reverse side)

DATE
12-7-87

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.
U-013766 *POW* - GRV

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

121106

7. UNIT AGREEMENT NAME

River Bend

8. FARM OR LEASE NAME

9. WELL NO.

RBU 11-21E

10. FIELD AND POOL, OR WILDCAT

River Bend

11. SEC., T., R., M., OR BLK. AND
SUBVY OR AREA

Sec. 21-T10S-R19E

12. COUNTY OR PARISH

Utah

13. STATE

UT

1. OIL WELL ☒ GAS WELL ☐ OTHER ☐

2. NAME OF OPERATOR

CNG Producing Co. - Tulsa Division

3. ADDRESS OF OPERATOR

705 S. Elgin, Box 2115, Tulsa, OK 74101-2115

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.
See also space 17 below.)
At surface

2508' FSL & 1783' FWL, NE SW Sec. 21

14. PERMIT NO.

43-047-30414

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

5188 GR

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PCLL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON* *Temporarily X*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Shut well in as is.

Possible future use as water disposal well.

18. I hereby certify that the foregoing is true and correct

SIGNED

Susan Long

TITLE Engineering Technician

DATE December 1, 1987

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

RBU 11-21E

Sec 21, 1030, 19E

Q. 1064 8 June 88

N

↑ to
16-17

emergency
pit



○ well head

access
road.

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

6. Log Designation and Serial Number

13766

7. Indian Allottee or Tribe Name

8. Unit or Communization Agreement

River Bend Unit

9. Well Name and Number

RBU 11-21E

10. API Well Number

43-047-30414

11. Field and Pool, or Wildcat

River Bend

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other (specify)

2. Name of Operator

CNG Producing Company

3. Address of Operator

1450 Poydras St., New Orleans, LA 70112-6000

4. Telephone Number

(504) 593-7260

5. Location of Well

Footage : 2,508' FSL & 1,783' FWL
QQ, SEC., T., R., M.: NE SW of Sec. 21-T10S-R19E

County : Uintah

State : UTAH

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(Submit in Duplicate)

☐ Abandonment ☐ New Construction
☐ Casing Repair ☐ Pull or Alter Casing
☐ Change of Plans ☐ Recompletion
☐ Conversion to Injection ☐ Shoot or Acidize
☐ Fracture Treat ☐ Vent or Flare
☐ Multiple Completion ☐ Water Shut-Off
☐ Other _____

Approximate Date Work Will Start

SUBSEQUENT REPORT
(Submit Original Form Only)

☐ Abandonment * ☐ New Construction
☐ Casing Repair ☐ Pull or Alter Casing
☐ Change of Plans ☐ Shoot or Acidize
☐ Conversion to Injection ☐ Vent or Flare
☐ Fracture Treat ☐ Water Shut-Off
☒ Other Annual Status Report

Date of Work Completion _____

Report results of Multiple Completions and Recompletions to
different reservoirs on WELL COMPLETION OR RECOMPLETION
AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETION OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

STATUS OF WELL

Shut-in

EXPLANATION FOR STATUS OF WELL

Under evaluation

FUTURE PLANS

Possible workover or recompletion

RECEIVED

FEB 06 1992

DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name & Signature

Scott Childress
W. Scot Childress

Title

Supervisor, Prod. Engineering

Date January 31, 1992

(State Use Only)

DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

F. Case Designation and Serial Number

U-013766

7. Indian Allottee or Tribe Name

8. Unit or Communization Agreement

River Bend Unit

9. Well Name and Number

RBU 11-21E

10. API Well Number

43-047-30414

11. Field and Pool, or Wildcat

River Bend

1. Type of Well



Oil



Gas



Other (specify)

Well

Well

2. Name of Operator

CNG Producing Company

3. Address of Operator

1450 Poydras St., New Orleans, LA 70112-6000

4. Telephone Number

(504) 593-7260

5. Location of Well

Footage : 2,508' FSL & 1,783' FWL
 QQ, SEC., T., R., M.: NE SW of Sec. 21-T10S-R19E

County : Uintah

State : UTAH

12. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT

(Submit in Duplicate)



Abandonment

Casing Repair

Change of Plans

Conversion to Injection

Fracture Treat

Multiple Completion

Other



New Construction

Pull or Alter Casing

Recompletion

Shoot or Acidize

Vent or Flare

Water Shut-Off

Approximate Date Work Will Start

SUBSEQUENT REPORT

(Submit Original Form Only)



Abandonment *

Casing Repair

Change of Plans

Conversion to Injection

Fracture Treat



Other

Annual Status Report



New Construction

Pull or Alter Casing

Shoot or Acidize

Vent or Flare

Water Shut-Off

Date of Work Completion

Report results of Multiple Completions and Recompletions to
 different reservoirs on WELL COMPLETION OR RECOMPLETION
 AND LOG form.

* Must be accompanied by a cement verification report.

13. DESCRIBE PROPOSED OR COMPLETION OPERATIONS (Clearly state all pertinent details, and give pertinent dates. If well is directionally
 drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

STATUS OF WELL

Shut-in

EXPLANATION FOR STATUS OF WELL

Under evaluation

FUTURE PLANS

Possible workover or recompletion

RECEIVED

MAR 01 1993

DIVISION OF
OIL GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name & Signature

W. Scot Childress
 W. Scot Childress

Title

Supervisor, Prod. Engineering

Date

January 29, 1993

(State Use Only)

**CNG Producing
Company**

A CNG COMPANY

CNG Tower
1450 Poydras Street
New Orleans, LA 70112-6000
(504) 593-7000

JUN 14 1994

DEPT. OF OIL, GAS & MINING

June 9, 1994

Mr. Ed Forsman
U.S. Dept. of the Interior
Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

RE: River Bend Unit
Sundry for approval to Plug & Abandon
RBU 11-21E - Sec. 21-T10S-R19E

Dear Ed:

Enclosed please find an original and two copies of Form 3160-5 Sundry Notices and Reports on Wells for approval to plug and abandon the above reference well. Also enclosed is CNG's procedure to plug along with the well schematic.

CNG Producing Company is requesting all information be held confidential.

Should you have any question please feel free to contact either myself at (504) 593-7260 or the project engineer, Scot Childress at (504) 593-7574.

Sincerely,

CNG PRODUCING COMPANY

Susan H. Sachitana
Susan H. Sachitana
Regulatory Specialist

Enclosure

cc: Utah Board of Oil, Gas & Mining

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FC APPROVED
BUDGET BUREAU NO. 1004-0135
EXPIRES: MARCH 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well [X] Oil Well [] Gas Well [] Other	7. If Unit or CA, Agreement Designation
2. Name of Operator CNG PRODUCING COMPANY	8. Well Name and No. RBU 11-21E
3. Address and Telephone No. CNG Tower - 1450 Poydras Street, New Orleans, LA 70112-6000	9. API Well No. 43-047-30414
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Surface - 2,508' FSL & 1,783' FWL of Sec. 21-T10S-R19E	10. Field and Pool, or Exploratory Area River Bend
	11. County or Parish, State Unitah, Utah

CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION	
[X] Notice of Intent	[X] Abandonment	[] Change of Plans
	[] Recompletion	[] New Construction
[] Subsequent Report	[] Plugging Back	[] Non-Routine Fracturing
	[] Casing Repair	[] Water Shut-Off
[] Final Abandonment Notice	[] Altering Casing	[] Conversion to Injection
	[] Other	[] Dispose Water
	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to the work.)*

CNG request approval to plug & abandon the above referenced well per the following procedure:

1. Rig up pulling unit and move in frac tank.
2. Pull out of hole with the rods and tubing and anchor at 3,714'.
3. Trip in hole and set cement retainer at 3,350'. Squeeze 50 sks of 15.6 ppg G cement below and spot 5 sks on top
4. Pressure test casing to 1,000 psi.
5. Rig up on 8 5/8" x 5 1/2" and attempt to spot cement plug from 3,000' - 3,200' with 50 sks of 15.6 ppg across 8 5/8" shoe. Do not exceed 1500 psi. If unsuccessful, call BLM for waiver on outside plug.
6. Spot balance cement plug inside 5 1/2" from 3,000' - 3,200' with 25 sks of 15.6 ppg.
7. Spot surface plug from 60' - 5' with 7 sks.
8. Install dry hole marker and rehab location to BLM specs.

CNG would like to begin operations approximately on July 1, 1994.

14. I hereby certify that the forgoing is true and correct

Signed Scot Childress Title Supervisor, Prod. Eng. Date June 9, 1994

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

Accepted by the
Utah Division of
Oil, Gas and Mining
FOR RECORD ONLY

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

P&A PROCEDURE
RIVERBEND - 1992
UINTAH, UTAH
CNG PRODUCING CO.
DATE: DEC 20, 1993

WELL: 11-21E

LOCATION: SECTION 21E, T10S, R19E
ELEVATION: 5202'
AFE #: R0406
AFE AMOUNT: \$ 30,000
5 1/2" CASING @ 8364
PBSD: 4400
END OF 2 3/8" TUBING @
OLD PERFS: 3659-3673 - K

PURPOSE: P&A

CNG ENGINEER: SCOT CHILDRESS @ 504-593-7574 FAX - 504-593-7544
CNG FIELD MANAGER: DARWIN KULLAND @ 801-722-4521 FAX - 801-722-5004
CNG WORKOVER FOREMAN: MITCH HALL @ 801-722-4521
CEMENT/VENDOR: HALLIBURTON
WIRELINE: HLS @ 801-789-8950
SCHLUMBERGER @ 801-789-3394
PACKER: OTIS @ 789-5746
RIG: FLINT

PROCEDURE:

=====

CONFIDENTIAL

SPUD - 2-15-94
TD REACHED - 4-5-79
TD - 8402'
17 1/2" HOLE FOR 13 3/8" 48# K55 @ 127' - 125 SXS. G (CMT TO SURFACE)
12 1/4" HOLE FOR 8 5/8" 24# K55 @ 3110' - 1360 SXS. G (CMT TO SURFACE)
7 7/8" HOLE FOR 5 1/2" 17#/15.5# @ 8402' - 2354 SXS.
TOC @ 1500'
COMPLETION STARTED - 5-17-79

1. Rig up pulling unit and move in frac tank.
2. POOH with the rods and tubing and anchor at 3714'.
3. TIH and set cement retainer at 3350'. Squeeze 50 sxs of 15.6 ppg G cement below and spot 5 sxs on top.
4. Pressure test casing to 1,000 psi.
5. Rig up on 8 5/8" x 5 1/2" and attempt to spot cement plug from 3000-3200' with 50 sxs of 15.6 ppg across 8 5/8" shoe. Do not exceed 1500 psi. If unsuccessful, call BLM for waiver on outside plug.
6. Spot balance cement plug inside 5 1/2" from 3000-3200' with 25 sxs of 15.6 ppg.
7. Spot surface plug from 60-5' with 7 sxs.
8. Install dry hole marker and rehab location to BLM specs..

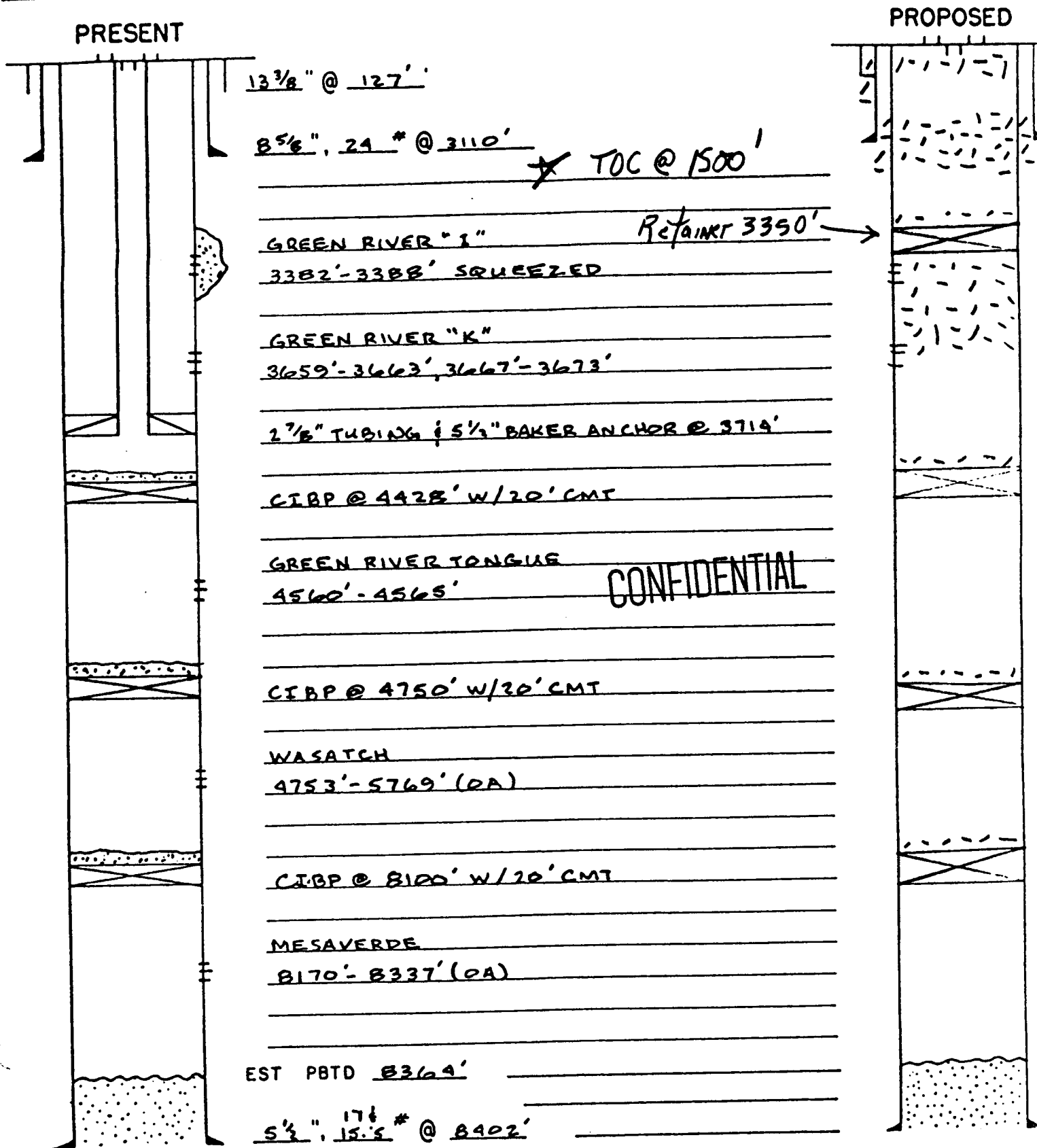
WELL SKETCH

WELL RBW 11-21E

FIELD RIVER BEND UNIT

SEC. 21 , T 10S , R 19E , UNITAH COUNTY, UTAH

ELEVATIONS: GROUND 5188' ; KB TO 5202' = 14'



EST PBTD B364'

5' 3", 17 1/2" # @ 8402'

DATE 7-3-86 PREPARED BY G. BECHTOL

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
BUREAU NO. 1004-0135
EXPIRES: MARCH 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir. Use "APPLICATION FOR PERMIT - " for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other	7. If Unit or CA, Agreement Designation
2. Name of Operator CNG PRODUCING COMPANY	8. Well Name and No. RBU 11-21E
3. Address and Telephone No. CNG Tower - 1450 Poydras Street, New Orleans, LA 70112-6000	9. API Well No. 43-047-30414
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) Surface - 2,508' FSL & 1,783' FWL of Sec. 21-T10S-R19E	10. Field and Pool, or Exploratory Area River Bend
	11. County or Parish, State Uintah, Utah

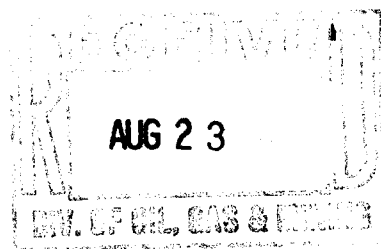
CHECK APPROPRIATE BOX(S) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Abandonment
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water
	(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to the work.)*

Plugging operations began on July 19, 1994 and were completed on July 21, 1994.

- Set retainer at 3,343'.
- Spotted 50 sks above and 50 sks below.
- Top of cement at 3,000'.
- Tested 5 1/2" casing to 1000 PSI. Tested OK.
- Set surface plug inside 5 1/2" casing, 200' to surface.
- Set surface plug inside 8 5/8" x 5 1/2" from 78' to surface.
- Cut 8 5/8" x 5 1/2" 6' off below surface.
- Installed dry hole marker
- Will reclaim location as soon as possible.



14. I hereby certify that the forgoing is true and correct

Signed Scot Childress Title Supervisor, Prod. Eng. Date July 27, 1994

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*See Instructions on Reverse Side

WELL SKETCH

WELL RBW 11-21E

FIELD RIVER BEND UNIT

SEC. 21, T 10S, R 19E, UINTAH COUNTY, UTAH

ELEVATIONS: GROUND 5188'; KB TO 5202' = 14'

Before P-A

* Surface plug ($8\frac{5}{8}" \times 5\frac{1}{2}"$)
from 78'-6'

After P-A

$13\frac{3}{8}"$ @ 127'
TOC @ 1500'

* Surface plug (inside $5\frac{1}{2}"$)
from 200'-6'

$8\frac{5}{8}"$, 24 # @ 3110'

TOC @ 3000'
Retainer 3343'

GREEN RIVER "I"

3382'-3388' SQUEEZED

GREEN RIVER "K"

3659'-3663', 3667'-3673'

$2\frac{7}{8}"$ TUBING & $5\frac{1}{2}"$ BAKER ANCHOR @ 3719'

CIBP @ 4428' W/20' CMT

GREEN RIVER TONGUE

4560'-4565'

CIBP @ 4750' W/20' CMT

WASATCH

4753'-5769' (OA)

CIBP @ 8100' W/20' CMT

MESAVERDE

8170'-8337' (OA)

EST PBTD 8364'

$5\frac{1}{2}"$, 17 # @ 8402'

**CNG Producing
Company**

A **CNG** COMPANY

CNG Tower
1450 Poydras Street
New Orleans, LA 70112-6000
(504) 593-7000

August 22, 1994

Mr. Ed Forsman
U.S. Dept. of the Interior
Bureau of Land Management
Vernal District Office
170 South 500 East
Vernal, UT 84078

RE: River Bend Unit
Subsequent Sundry - Plug & Abandon
Completion Report
RBU 11-21E - Sec. 21-T10S-R19E

Dear Ed:

Enclosed please find an original and two copies of Form 3160-4 Well Completion or Recompletion Report and Log along with Form 3160-5 Sundry Notices and Reports on Wells to plug and abandon the above reference well. Also enclosed is the well schematic.

CNG Producing Company is requesting all information be held confidential.

Should you have any question please feel free to contact either myself at (504) 593-7260 or the project engineer, Scot Childress at (504) 593-7574.

Sincerely,

CNG PRODUCING COMPANY

Susan H. Sachitana

Susan H. Sachitana
Regulatory Specialist

AUG 23

Enclosure

cc: Utah Board of Oil, Gas & Mining
Scot Childress

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE

(See other in-
structions on
reverse side)

Form approved.
Budget Bureau No. 1004-0137
Expires August 31, 1985

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☐ DRY ☐ Other ☐ P&A'd

1b. TYPE OF COMPLETION: NEW WORK DEEP-EN ☐ PLUG BACK ☐ DIFF. RESVR. ☐ Other ☐ P&A'd

2. NAME OF OPERATOR
CNG Producing Company

3. ADDRESS OF OPERATOR
CNG Tower - 1450 Poydras St., New Orleans, LA 70112-6000

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 2,508' FSL & 1,783' FWL of Sec. 21-T10S-R19E

At top prod. interval reported below

At total depth

AUG 23

5. LEASE DESIGNATION AND
SERIAL NO.

U-013766

6. IF INDIAN, ALLOTTEE OR
TRIBE NAME

7. UNIT AGREEMENT NAME

River Bend Unit

8. FARM OR LEASE NAME

RBU

9. WELL NO.

11-21E

10. FIELD AND POOL, OR WILDCAT

Natural Buttes

11. SEC., T., R., M., OR BLOCK AND
SURVEY OR AREA

NE of SW of 21-T10S-R19E

14. PERMIT NO.

43-047-30414

DATE ISSUED

04/13/78

12. COUNTY OR 13. STATE

Parish

Utah

19. ELEV. CASINGHEAD

15. DATE

SPUDDED

02/15/79

16. DATE T.D.

REACHED

04/05/79

17. DATE COMF (Ready to prod.)

P&A'd 07/21/94

18. ELEVATION OF

RKB, RT, GR, ETC.*

5,188' GR

20. TOTAL DEPTH

MD & TVD

8,402'

21. PLUG, BACK T.D.

MD & TVD

3,000'

22. IF MULTIPLE COMPL.,

HOW MANY*

1 Zone

23. INTERVALS

DRILLED BY

Rotary

ROTARY

TOOLS

Rotary

CABLE

TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION - TOP, BOTTOM, NAME (MD AND TVD)*

25. WAS DIRECTIONAL

SURVEY MADE

No

26. TYPE ELECTRIC AND OTHER LOGS RUN

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13 3/8"	48#	142'	17 1/2"	125 sks	
8 5/8"	24#	3,110'	11 1/4"	1,360 sks	
5 1/2"	17# 15.5#	8,403'	7 7/8"	2,354 sks	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	3,718'	Tubing Anchor 3,718

31. PERFORATION RECORD (Interval, size and number)

4,560-4,565' Green River Tongue
3,659-3,673' Green River K Zone
3,382-3,388'

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD) AMOUNT AND KIND OF MATERIAL USED
4,560-4,565' 1,100 gallons 15% HCL
3,659-3,673' 2,400 gal 15% HCL, 9,600 gal gelled diesel, 12,000H

33. DATE FIRST PRODUCTION PRODUCTION MET (Flowing, gas lift, pumping - size and type of pump)

N/A

WELL STATUS (Producing or shut-in)

Producing

DATE OF TEST HOURS TESTED CHOKER SIZE PROD'N FOR TEST PERIOD OIL-BBL. GAS-MCF. WATER-BBL. GAS-OIL RATIO

FLOW. TUBING PRESS. CASING PRESSURE CALCULATED 24 HR RATE OIL-BBL. GAS-MCF. WATER-BBL. OIL GRAVITY-API (CORR.)

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

P & A Schematic

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records.

SIGNED

W. Scot Childress

TITLE Supervisor, Prod. Eng.

DATE 08/17/94

*(See Instruction and Spaces for Additional Data on Reverse Side)

38. SUMMARY OF POROUS ZONES: (Show all important zones of porosity and contents thereof; cored intervals; and all drill-stem, tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures, and recoveries)

GEOLOGICAL MARKERS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
					MEAS. DEPTH	TRUE VERT. DEPTH
				Wasatch	4,578'	4,578'
				Chapita Wells	5,293'	5,293'
				Uteland Buttes	6,348'	6,348'
				Mesaverde	7,654'	7,654'

WELL SKETCH

WELL RBH 11-21E

FIELD RIVER BEND UNIT

SEC. 21, T 10S, R 19E, UINTAH COUNTY, UTAH

ELEVATIONS: GROUND 5188'; KB TO 5202' = 14'

Before P.A.

* Surface plug ($8\frac{5}{8}" \times 5\frac{1}{2}"$)
from 78'-6'

After P.A.

$13\frac{3}{8}"$ @ 127'
TOC @ 1500'

* Surface plug (inside $5\frac{1}{2}"$)
from 200'-6'

$8\frac{5}{8}"$, 24 # @ 3110'

TOC @ 3000'

RETAIN 3343'

GREEN RIVER "I"

3382'-3388' SQUEEZED

GREEN RIVER "K"

3659'-3663', 3667'-3673'

$2\frac{1}{8}"$ TUBING; $5\frac{1}{3}"$ BAKER ANCHOR @ 3719'

CIBP @ 4428' W/20' CMT

GREEN RIVER TONGUE

4560'-4565'

CIBP @ 4750' W/20' CMT

WASATCH

4753'-5769' (OA)

CIBP @ 8100' W/20' CMT

MESAVERDE

8170'-8337' (OA)

EST PBTD 8364'

$5\frac{1}{2}"$, 17 # @ 8402'

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well :

OIL ☒ GAS ☐ OTHER:

2. Name of Operator:

CNG PRODUCING COMPANY

3. Address and Telephone Number:

CNG Tower - 1460 Poydras Street, New Orleans, LA 70112-6000 (504) 593-7260

4. Location of Well

Footages: 2,508' FSL & 1,783' FWL
QQ, Sec, T., R., M.: NE SW of Sec. 21-T10S-R19E

5. Lease Designation and Serial Number:
U-013766

6. If Indian, Allottee or Tribe Name:

7. Unit Agreement Name:
RIVER BEND UNIT8. Well Name and Number:
RBU 11-21E9. API Well Number
43-047-3041410. Field and Pool, or Wildcat:
Natural Buttes 630

County: UTAH
State: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

NOTICE OF INTENT
(SUBMIT IN DUPLICATE)

- | | |
|--|---|
| <input type="checkbox"/> Abandon | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Recomplete |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Multiple Completion | <input type="checkbox"/> Water Shut-Off |
| <input type="checkbox"/> Other | |

Approximate date work will start

SUBSEQUENT REPORT
(Submit Original Form Only)

- | | |
|--|---|
| <input type="checkbox"/> Abandon* | <input type="checkbox"/> New Construction |
| <input type="checkbox"/> Repair Casing | <input type="checkbox"/> Pull or Alter Casing |
| <input type="checkbox"/> Change of Plans | <input type="checkbox"/> Reperforate |
| <input type="checkbox"/> Convert to Injection | <input type="checkbox"/> Vent or Flare |
| <input type="checkbox"/> Fracture Treat or Acidize | <input type="checkbox"/> Water Shut-Off |
| <input checked="" type="checkbox"/> Other | ANNUAL STATUS REPORT FOR STATE OF UTAH |

Date of work completion

Report results of Multiple Completion and Recompletion to different reservoirs on WELL
COMPLETION OR RECOMPLETION REPORT AND LOG form.

*Must be accompanied by a cement verification report.

12. DESCRIBE PROPOSED OR COMPLETION OPERATIONS (Clearly State all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

STATUS OF WELL

Shut-in

EXPLANATION FOR STATUS OF WELL

Under evaluation.

FUTURE PLANS

Possible workover or plug and abandonment.

NOTE! This well is PTA'd.
PA Paperwork in Well File!
CHD

RECEIVED

FEB 15 2000

DIVISION OF
OIL, GAS AND MINING

13.

Name & Signature:

Susan H. Sachitana
Susan H. Sachitana

Title:

Regulatory Reports Administrator

Date: February 12, 2000

(This space for State use only)

**CNG Producing
Company**

A **CNG** COMPANY

CNG Tower
1450 Poydras Street
New Orleans, LA 70112-6000
(504) 593-7000

February 14, 2000

Mr. Don Staley
Administrative Supervisor, Oil & Gas
Utah Board of Oil Gas & Mining
1594 West North Temple
Suite 1210
Salt Lake City, UT 84114-5801

RE: Annual Status Report of Shut-in, Temporarily-abandoned, and Suspended
Drilling Wells

Dear Mr. Staley:

Enclosed please find Sundry Notices for all of CNG Producing Company wells that are required to be reported annually. These wells are shut-in and are being evaluated.

If you have any questions please feel free to contact me at (504) 593-7260 or our project engineer, Ralph Hamrick, at (281) 873-1562.

Sincerely,

Susan H. Sachitana

Susan H. Sachitana
Regulatory Reports Administrator

Enclosures

cc: Nelda Decker
Mitch Hall
Ralph Hamrick

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DIVISION OF
OIL, GAS AND MINING



United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

In Reply Refer To:
3100
U-01470-A et al
(UT-932)

JUN 2 2000

NOTICE

Dominion Exploration & Production, Inc. : Oil and Gas Leases
1450 Poydras Street :
New Orleans, LA 70112-6000 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the change of name of CNG Producing Company to Dominion Exploration & Production, Inc. on Federal oil and gas leases.

The oil and gas lease files identified on the enclosed exhibit have been noted as to the name change. The exhibit was compiled from your list of leases and a list of leases obtained from our automated records system. We have not abstracted the lease files to determine if the entity affected by the name change holds an interest in the leases identified nor have we attempted to identify leases where the entity is the operator on the ground maintaining no vested record title or operating rights interests. We are notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the name change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

The following lease on your list is closed on the records of this office: U-029277.

Due to the name change, the name of the principal on the bond is required to be changed from CNG Producing Company to Dominion Exploration & Production, Inc. on Bond No. 524 7050 (BLM Bond No. WY1898). You may accomplish this name change either by consent of the surety on the original bond or by a rider to the original bond. Otherwise, a replacement bond with the new name should be furnished to the Wyoming State Office.

/s/ Robert Lopez

Robert Lopez
Chief, Branch of
Minerals Adjudication

Enclosure
Exhibit of Leases

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JUN 05 2000

DIVISION OF
OIL, GAS AND MINES

cc: Wyoming State Office
New Mexico State Office
Moab Field Office
Vernal Field Office
MMS—Reference Data Branch, MS 3130, Box 5860, Denver, CO 80217
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC, UT 84114-5801
Irene Anderson (UT-932)
Teresa Thompson (UT-931)
LaVerne Steah (UT-942)

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, deepen existing wells or to reenter plugged and abandoned wells.
Use APPLICATION FOR PERMIT TO DRILL OR DEEPEN form for such proposals.

1. Type of Well : OIL <input type="checkbox"/> GAS <input type="checkbox"/> OTHER:	5. Lease Designation and Serial Number: VARIOUS
2. Name of Operator: DOMINION EXPLORATION & PRODUCTION, INC.	6. If Indian, Allottee or Tribe Name:
3. Address and Telephone Number: 1460 Poydras Street, New Orleans, LA 70112-6000 (504) 593-7260	7. Unit Agreement Name:
4. Location of Well Footages: QQ, Sec. T., R., M.:	8. Well Name and Number: VARIOUS
	9. API Well Number
	10. Field and Pool, or Wildcat: Natural Buttes 630
	County: UINTAH State: UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA	
NOTICE OF INTENT (SUBMIT IN DUPLICATE)	SUBSEQUENT REPORT (Submit Original Form Only)
<input type="checkbox"/> Abandon <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input type="checkbox"/> Multiple Completion <input type="checkbox"/> Other _____	<input type="checkbox"/> Abandon* <input type="checkbox"/> Repair Casing <input type="checkbox"/> Change of Plans <input type="checkbox"/> Convert to Injection <input type="checkbox"/> Fracture Treat or Acidize <input checked="" type="checkbox"/> Other OPERATOR NAME CHANGE FOR WELLS
<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Recomplete <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off	<input type="checkbox"/> New Construction <input type="checkbox"/> Pull or Alter Casing <input type="checkbox"/> Reperforate <input type="checkbox"/> Vent or Flare <input type="checkbox"/> Water Shut-Off
Approximate date work will start _____	Date of work completion _____ Report results of Multiple Completion and Recompletion to different reservoirs on WELL COMPLETION OR RECOMPLETION REPORT AND LOG form. <small>*Must be accompanied by a cement verification report.</small>

12. DESCRIBE PROPOSED OR COMPLETION OPERATIONS (Clearly State all pertinent details, and give pertinent dates. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Please be advised that effective April 12, 2000, CNG Producing Company has changed its name to Dominion Exploration & Production, Inc. and would like to transfer the well permits into the name of Dominion Exploration & Production, Inc. Our new bond has been filed and is pending approval with the State of Utah. The bond number is 76S 63050 361.


John R. Lewis

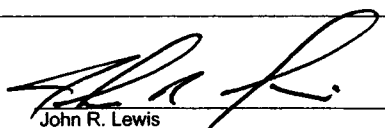
Sr. Vice-President - CNG Producing Company

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JUN 29 2000

**DIVISION OF
OIL, GAS AND MINING**

13.

Name & Signature:		Title: Sr. Vice-President - Dominion Expl. & Prod., Inc.	Date: June 26, 2000
	John R. Lewis		

(This space for State use only)

Dominion Exploration & Production, Inc.
1450 Poydras Street, New Orleans, LA 70112-6000
Phone: 504-593-7000



June 27, 2000

Mr. Jimmy Thompson
Utah Board of Oil Gas & Mining
1594 West North Temple
Suite 1210
Salt Lake City, UT 84114-5801

RE: Name Change Documentation for CNG Producing Company

Dear Mr. Thompson:

CNG Producing Company has become Dominion Exploration & Production, Inc. effective April 12, 2000. Enclosed please find a sundry regarding the name change with an attached listing of all the permits in the name of CNG Producing Company to be changed to Dominion Exploration & Production, Inc. Also enclosed please find a Form UIC 5 for the Transfer of Authority to Inject for the Federal #1-26B well.

If you have any questions or require any additional information, please contact me at (504) 593-7260.

Sincerely,

DOMINION EXPLORATION & PRODUCTION, INC.

Susan H. Sachitana
Regulatory Reports Administrator

Enclosure

cc: Nelda Decker

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JUN 29 2000

**DIVISION OF
OIL, GAS AND MINING**



State of Utah
DEPARTMENT OF COMMERCE
Division of Corporations & Commercial Code

**Application To Amend The
CERTIFICATE OF AUTHORITY OR
REGISTRATION of**

552894
CO 106990
File Number

Check Appropriate Box	
<input checked="" type="checkbox"/>	Foreign Profit Corporation \$35.00
<input type="checkbox"/>	Foreign Non-Profit Corporation \$35.00
<input type="checkbox"/>	Foreign Limited Partnership \$25.00
<input type="checkbox"/>	Foreign Limited Liability Company \$35.00

CNG Producing Company
Business Entity Name

Delaware
Name of Home State

I. AMENDING THE BUSINESS NAME

The business name is changed to: Dominion Exploration & Production, Inc.

The corporation shall use as its name in Utah: Dominion Exploration & Production, Inc.

(The corporation shall use its name as set forth on #1, unless this name is not available)

NOTE: If the business name has changed its name in the home state, a copy of the Certificate of Amendment or a certified copy of the amendment must accompany this application.

Check the following:

- ☒ The name of the corporation is changing its name in Utah to the new name of the corporation in the home state.
☐ The name of the corporation is being changed in Utah to comply with Utah State Insurance Regulations.

II. AMENDING THE DURATION OF THE BUSINESS EXISTENCE

The businesses period of duration is changed to: _____

III. AMENDING THE STATE OR COUNTRY OF INCORPORATION/REGISTRATION

The corporation's state or country of incorporation/registration is changed to: _____

IV. Other: _____

(Limited Partnership changing General Partners, Limited Companies changing Members or Managers. Change of statement who is managing, etc.)
Use an attached sheet if needed.

Under penalties of perjury, I declare this Application to Amend the Certificate of Authority or Registration to be, to the best of my knowledge and belief, true and correct.

Signature

Vice President & Corporate Secretary
Title

April 20, 2000
Date

State of Utah
Department of Commerce
Division of Corporations and Commercial Code

I Hereby certify that the foregoing has been filed and approved on this 25 day of April, 2000 in the office of this Division and hereby issue this Certificate thereof.

Examiner

Date



LEIF JENSEN
Division Director

Date: 04/25/2000

Receipt Number: 22156

Amount Paid: \$50.00

STATE OF UTAH
DIVISION OF CORPORATIONS
AND COMMERCIAL CODE
160 East 300 South / Box 146705
Salt Lake City, UT 84114-6705
Service Center: (801) 530-4849

Web Site: <http://www.commerce.state.ut.us>

FILED

APR 25 2000

Well Name	Api Well Code	Operator Name	Production Status	Lease Type
AMY THORPE - USA 1	4303731283	DOMINION EXPLORATION & PR	LA	BLM
KENNETH TAYLOR - USA 1	4303731284	DOMINION EXPLORATION & PR	LA	BLM
TRUDI FED 2-17	4303731453	DOMINION EXPLORATION & PR	PA	BLM
MAJOR MARTIN FED 1	4303731479	DOMINION EXPLORATION & PR	PA	BLM
OSC #3 *	4304730104	DOMINION EXPLORATION & PR	PA	BLM
OSC #5-2 *	4304730129	DOMINION EXPLORATION & PR	PR	STATE
NATURAL #1-2 - RBU	4304730153	DOMINION EXPLORATION & PR	PA	BLM
RBU #11-21E	4304730414	DOMINION EXPLORATION & PR	PA	BLM
RBU #11-36B	4304730583	DOMINION EXPLORATION & PR	DA	STATE
FEDERAL #1-26A	4304730716	DOMINION EXPLORATION & PR	PA	BLM
FEDERAL #6-30B	4304730733	DOMINION EXPLORATION & PR	PA	BLM
BARTON FEDERAL #1-26	4304731179	DOMINION EXPLORATION & PR	PR	BLM
RBU #6-2D	4304731190	DOMINION EXPLORATION & PR	PR	STATE
RBU #16-2D	4304731353	DOMINION EXPLORATION & PR	PR	STATE
HILL CREEK FEDERAL #1-29 HCU	4304731522	DOMINION EXPLORATION & PR	PR	BLM
RBU #10X-15E	4304731551	DOMINION EXPLORATION & PR	PA	BLM
HILL CREEK STATE #1-32	4304731560	DOMINION EXPLORATION & PR	UNK	STATE
HILL CREEK FEDERAL #1-27	4304731675	DOMINION EXPLORATION & PR	PR	BLM
RBU #11-31B	4304731765	DOMINION EXPLORATION & PR	LA	BLM
STATE #4-36E	4304731777	DOMINION EXPLORATION & PR	PR	STATE
SADDLE TREE DRAW 4-31	4304731780	DOMINION EXPLORATION & PR	LA	BLM
SADDLE TREE DRAW 16-31	4304731781	DOMINION EXPLORATION & PR	LA	BLM
SADDLE TREE DRAW 13-34	4304731782	DOMINION EXPLORATION & PR	LA	BLM
STATE #12-36E	4304731784	DOMINION EXPLORATION & PR	LA	STATE
RBU #3-10D	4304731832	DOMINION EXPLORATION & PR	PA	BLM
RBU #16-19C	4304731841	DOMINION EXPLORATION & PR	DA	BLM
EVANS FEDERAL #3-25	4304731878	DOMINION EXPLORATION & PR	PR	BLM
EVANS FEDERAL #41-26	4304731879	DOMINION EXPLORATION & PR	PR	BLM
STATE #11-36E	4304732019	DOMINION EXPLORATION & PR	PR	STATE
RBU #7-13E	4304732051	DOMINION EXPLORATION & PR	LA	BLM
RBU #7-18F	4304732104	DOMINION EXPLORATION & PR	LA	BLM
RBU #15-15F	4304732109	DOMINION EXPLORATION & PR	LA	BIA
RBU #7-15F	4304732111	DOMINION EXPLORATION & PR	LA	BIA
RBU #7-23E	4304732125	DOMINION EXPLORATION & PR	LA	BLM
RBU #6-19F	4304732126	DOMINION EXPLORATION & PR	LA	BLM
RBU #3-17F	4304732127	DOMINION EXPLORATION & PR	LA	BLM
RBU #15-10E	4304732139	DOMINION EXPLORATION & PR	LA	BLM
RBU #3-15F	4304732140	DOMINION EXPLORATION & PR	LA	BLM
RBU #3-3E	4304732152	DOMINION EXPLORATION & PR	LA	BLM
RBU #5-24E	4304732154	DOMINION EXPLORATION & PR	LA	BLM
RBU #5-17F	4304732165	DOMINION EXPLORATION & PR	LA	BLM
RBU #15-13E	4304732167	DOMINION EXPLORATION & PR	LA	BLM
RBU #3-19FX	4304732216	DOMINION EXPLORATION & PR	LA	BLM
STATE 2-32B	4304732221	DOMINION EXPLORATION & PR	PR	STATE
STATE #5-36B	4304732224	DOMINION EXPLORATION & PR	PR	STATE
FEDERAL #13-26B	4304732237	DOMINION EXPLORATION & PR	PR	BLM
STATE #9-36B	4304732249	DOMINION EXPLORATION & PR	PR	STATE
RBU #11-21F	4304732262	DOMINION EXPLORATION & PR	LA	BLM
RBU #4-15F	4304732269	DOMINION EXPLORATION & PR	PA	BIA
RBU #1-3E	4304732272	DOMINION EXPLORATION & PR	LA	BLM
RBU #16-9E	4304732273	DOMINION EXPLORATION & PR	LA	BLM
RBU #3-10E	4304732291	DOMINION EXPLORATION & PR	PA	BLM
RBU #7-23E	4304732294	DOMINION EXPLORATION & PR	LA	BLM
RBU #13-19F2	4304732311	DOMINION EXPLORATION & PR	LA	BLM
RBU #12-2F	4304732316	DOMINION EXPLORATION & PR	LA	BLM
RBU #7-20E	4304732332	DOMINION EXPLORATION & PR	LA	BLM
RBU #13-34B	4304732334	DOMINION EXPLORATION & PR	PA	BLM
RBU #9-20E	4304732335	DOMINION EXPLORATION & PR	LA	BLM
RBU #7-19F	4304732360	DOMINION EXPLORATION & PR	LA	BLM
RBU #13-23F	4304732361	DOMINION EXPLORATION & PR	LA	BLM
EVANS FEDERAL #12-25A	4304732394	DOMINION EXPLORATION & PR	PR	BLM
EVANS FEDERAL #32-26	4304732395	DOMINION EXPLORATION & PR	PR	BLM
STATE #2-36E	4304732404	DOMINION EXPLORATION & PR	LA	BLM
STATE #9-36E	4304732405	DOMINION EXPLORATION & PR	LA	BLM

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JUN 29 2000

DIVISION OF

OPERATOR CHANGE WORKSHEET

Check each listed item when completed. Write N/A if item is not applicable.

ROUTING:

	4-KAS <input checked="" type="checkbox"/>
2-CDW <input checked="" type="checkbox"/>	5-SP <input checked="" type="checkbox"/>
3-JLT	6-FILE

Change of Operator (Well Sold)

Designation of Agent

X Operator Name Change Only

Merger

The operator of the well(s) listed below has changed, effective: 4-12-00TO:(New Operator) DOMINION EXPL & PROD INC.Address: 1450 POYDRAS STREET
NEW ORLEANS, LA 70112-6000Phone: 1-(504)-593-7000Account No. N1095FROM:(Old Operator) CNG PRODUCING COMPANYAddress: 1450 POYDRAS STREET
NEW ORLEANS, LA 70112-6000Phone: 1-(504)-593-7000Account No. N0605

WELL(S):	CA Nos.	or	RIVER BEND	Unit
Name: NATURAL 1-2	API: 43-047-30153	Entity: 11377	S 02 T 10S R 20E	Lease: ML-10716
Name: RBU 11-21E	API: 43-047-30414	Entity: 9010	S 21 T 10S R 19E	Lease: U-013766
Name: RBU 11-31B	API: 43-047-31765	Entity: 9010	S 21 T 10S R 19E	Lease: U-013766
Name: RBU 3-10D	API: 43-047-31832	Entity: 4955	S 10 T 10S R 18E	Lease: U-013818-A
Name: RBU 16-19C	API: 43-047-31841	Entity: 4955	S 10 T 10S R 18E	Lease: U-013818-A
Name: RBU 7-13E	API: 43-047-32051	Entity: 7050	S 13 T 10S R 19E	Lease: U-013765
Name: RBU 7-18F	API: 43-047-32104	Entity: 99998	S 18 T 10S R 20E	Lease: U-013769
Name: RBU 7-23E	API: 43-047-32125	Entity: 99998	S 23 T 10S R 19E	Lease: U-01376
Name: RBU 6-19F	API: 43-047-32126	Entity: 99998	S 19 T 10S R 20E	Lease: U-013769A
Name: RBU 3-17F	API: 43-047-32127	Entity: 7050	S 17 T 10S R 20E	Lease: U-013769C
Name: RBU 15-10E	API: 43-047-32139	Entity: 99998	S 10 T 10S R 19E	Lease: U-013792
Name: RBU 3-15F	API: 43-047-32140	Entity: 99998	S 15 T 10S R 20E	Lease: U-7206
Name: RBU 3-3E	API: 43-047-32152	Entity: 99998	S 03 T 10S R 19E	Lease: U-013765
Name: RBU 5-24E	API: 43-047-32154	Entity: 7050	S 24 T 10S R 19E	Lease: U-013794
Name: RBU 5-17F	API: 43-047-32165	Entity: 99998	S 17 T 10S R 20E	Lease: U-013769C
Name: RBU 15-13E	API: 43-047-32167	Entity: 7050	S 13 T 10S R 19E	Lease: U-013765

OPERATOR CHANGE DOCUMENTATION

- YES 1. A pending operator change file has been set up.
- YES 2. (R649-8-10) Sundry or other legal documentation has been received from the **FORMER** operator on 6-29-00.
- YES 3. (R649-8-10) Sundry or other legal documentation has been received from the **NEW** operator on 6-29-00.
- YES 4. The new company has been looked up in the **Department of Commerce, Division of Corporations Database** if the new operator above is not currently operating any wells in Utah. Is the operator registered with the State? **Yes/No** If yes, the company file number is SEE ATTACHED. If no, Division letter was mailed to the new operator on _____.

- YES 5. **Federal and Indian Lease Wells.** The BLM or the BIA has approved ⁴⁻²⁻⁰⁰ merger, **name change** or operator change for all wells listed above involving Federal or Indian leases on 6-2-00.
- N/A 6. **Federal and Indian Units.** The BLM or the BIA has approved the successor of unit operator for all wells listed above involving unit operations on _____.
- N/A 7. **Federal and Indian Communitization Agreements ("CA").** The BLM or the BIA has approved the operator change for all wells listed above involved in the CA on _____.
- N/A 8. **Underground Injection Control ("UIC") Program.** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project and/or for the water disposal well(s) listed above.
- YES 9. Changes have been entered in the **Oil and Gas Information System** for each well listed on 7-25-00.
- YES 10. Changes have been included on the **Monthly Operator Change letter** on 7-25-00.

STATE BOND VERIFICATION

- N/A 1. State Well(s) covered by Bond No. _____.

FEE WELLS - BOND VERIFICATION / LEASE INTEREST OWNER NOTIFICATION

- N/A 1. (R649-3-1) The **NEW** operator of any fee lease well(s) listed above has furnished a proper bond.
- N/A 2. A **copy of this form** has been placed in the **new and former operator's bond files** on _____.
- N/A 3. The **FORMER** operator has requested a release of liability from their bond as of today's date _____? If yes, Division response was made to this request by letter dated _____. (see bond file).
- N/A 4. (R649-2-10) The **Former** operator of any Fee lease wells listed above has been contacted and informed by letter dated _____, of their responsibility to notify all interest owners of this change.
- N/A 5. Bond information added to **RBDMS** on _____.
- N/A 6. Fee wells attached to bond in **RBDMS** on _____.

FILMING

- _____ 1. All attachments to this form have been **microfilmed** on 02-23-01.

FILING

- _____ 1. **Originals/Copies** of all attachments pertaining to each individual well have been filed in each **well file**.
- _____ 2. The **original of this form** has been filed in the operator file and a copy in the old operator file.

COMMENTS
